



K-D TOOLS®

**Automotive Catalog No. 64
February 1964**



maintains a constant Research & Development program for tools that can save mechanics countless hours of repair work on brakes, engines, cooling systems and all other automotive service work. The K-D Laboratory is a proving ground for tool ideas that come chiefly from mechanics themselves.

It is with this thought, that we give special recognition to the thousands of mechanics throughout the country that look to K-D, to help them do a better job.

All K-D Tools are guaranteed against defective material or workmanship. Any tool showing a defect in material or workmanship will be repaired or replaced free of charge upon inspection by the company. Tools abused or worn out from excessive use will not be replaced.

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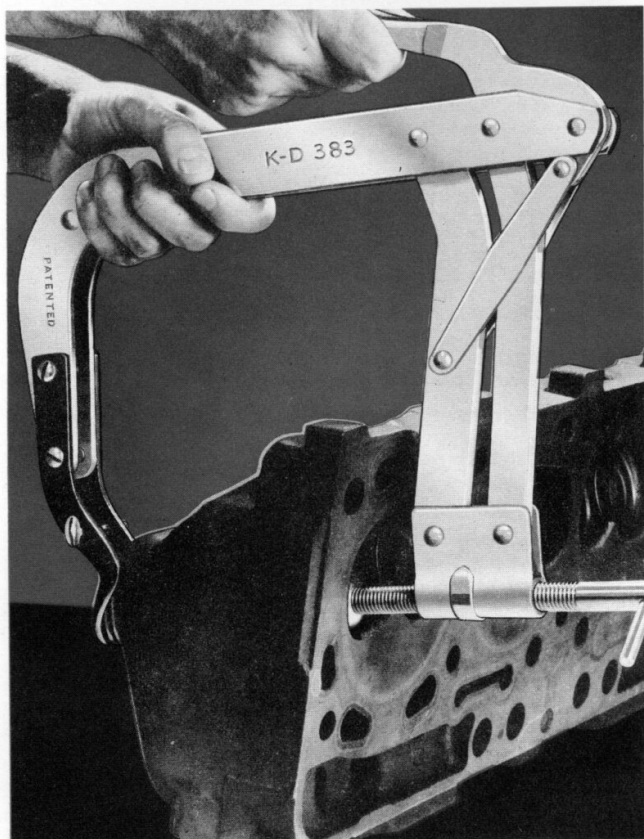
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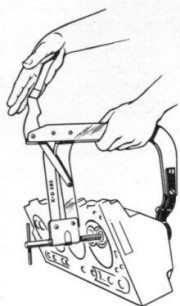
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VALVE SPRING COMPRESSORS

Services Over 85% of All Motors



No. 383

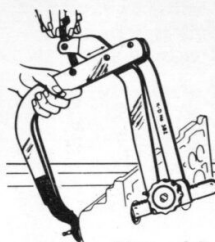


Especially designed to service modern V-8 valve-in-head engines. Location of Operating Handle makes tool fast, easy to use.

Will service many smaller L-head engines if manifolds removed. Throat depth 7-1/2", Jaw opening 2-1/4"—7-1/16".

No. 32 Offset Jaws furnished.

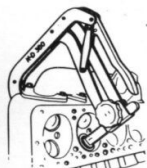
No. 382



For L-head and valve-in-head engines, old or new.

Wide range of adjustments are possible. Tool service's valves of all lengths. Throat depth 9-1/2", Jaw opening 2-1/8"—11". Possible on many engines to span manifold, remove and replace valves without changing working position.

Nos. 32 Offset, 35 Straight Jaws furnished.

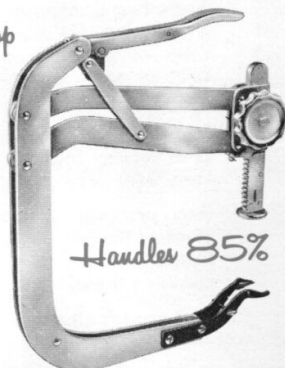


Ideal for Shop

No. 380

Ideal for general shop. Services all modern V-8 valve-in-head engines, older L-heads, plus many truck, bus, and tractors.

Throat depth 9-3/4", Jaw opening 2-3/4"—7-3/4". Adjustable Jaws and adjustable Plunger Bar. Plunger Bar seats on both flat and cup shaped valve heads. Nos. 32 Offset, 35 Straight Jaws furnished.



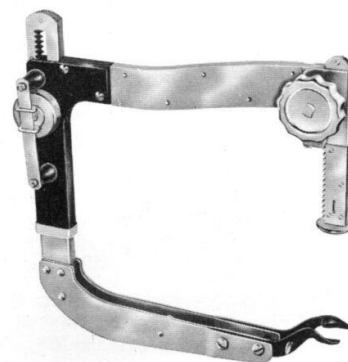
Handles 85%

Heavy Duty

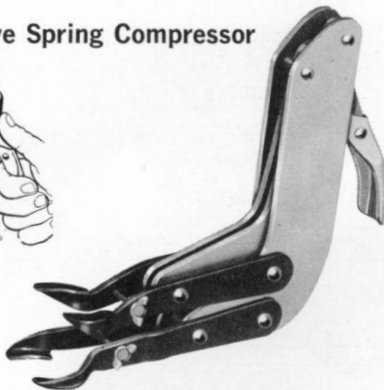
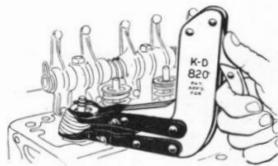


No. 325

One man operation on most engines with manifolds in place. Flexible adjustments permit servicing all length valves. Throat depth 12", Jaw opening 2-3/4"—12-1/2". Nos. 32, 35, 38 Jaws furnished.



No. 820 . . . Valve Spring Compressor



For replacing valve springs (heads on or off) without removing rocker arm assemblies.

Can be used on most all valve-in-head engines.



No. 385

Valve Spring Compressor

For only very small valve-in-heads or L-heads with **light weight valve springs**. Services early Buick, Chevrolet, Wisconsin Motors (VE4, VF4, AB, Ak single cyl.) plus many industrials. Suitable for L-heads if manifolds removed. Throat depth 6-1/4", Jaw opening 3"—5-3/8".

No. 700 . . . Valve Spring Lifter



For deep set L-heads, over or under fenders. Ideal for all Chrysler-built L-heads, also Ford 6, 1948-52 incl., many small, foreign L-heads.

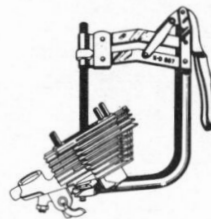
Screw-type Lifter, provides clear view of valve. Automatic locking any height. Adjustable Jaws.

No. 600 . . . Valve Spring Lifter



For practically all L-head motors. Parallel Jaw action. Fast scissors-type Lifter for automotive, industrial, marine motors where operation in a horizontal position is possible. Ratchet Lock Release, and adjustable Jaws.

No. 887 . . . Valve Spring Compressor



Valve

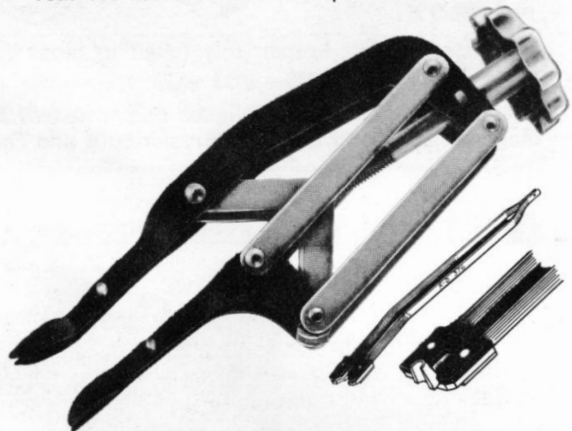
For Fractional H.P.

Meets government specifications. Adjustable plunger and adjustable jaws integral with frame for rigidity. Throat depth 5", Jaw opening 2"—5-7/16".

COMPRESSOR SET

B & S, Clinton, and Kohler

No. 379 Consists of 376 Inserter and 378 Compressor. No. 378 has Operating Handle at rear for more convenient operation.



COMPRESSOR JAWS

For 325, 380, 383, 382 Compressors. Oil tempered, adjustable.

No. 32 Offset Jaws.



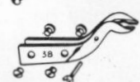
No. 35 Straight Jaws.



No. 36 Special High Offset Jaws for hard to reach valves where other jaws strike.



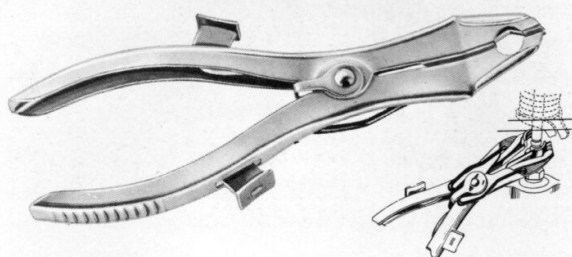
No. 38 Extra Hi-Offset. For use on motors with low manifolds.



No. 38W Jaws for White motors. Same as No. 38 but altered to prevent striking block.

No. 39 Jaws for International Engine #450. Same as No. 38 but altered to accommodate special valve spring washer.

VALVE KEEPER INSERTERS

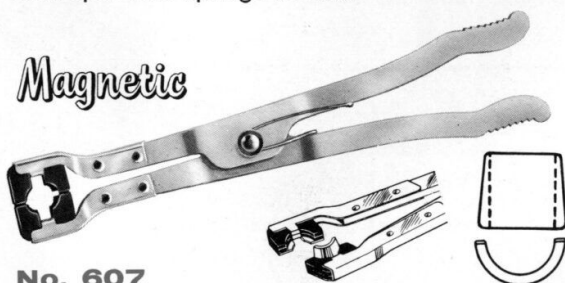


No. 605

For split keepers with O.D. not less than 7/16", I.D. or valve stem diam. not greater than 3/8".

Easy loading, fast operating. Pressing pads on Handles open Jaw Springs to load.

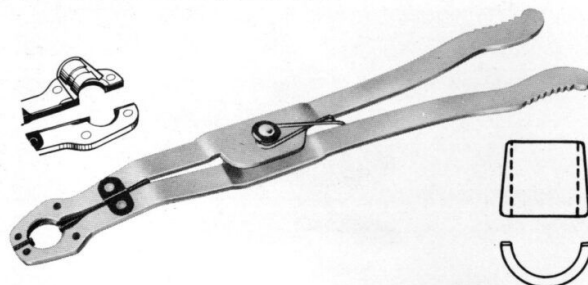
Magnetic



No. 607

For this size split keeper only (used in most later model L-head engines).

Keepers are automatically aligned on permanent Jaw Magnets. Long and thin for Chrysler-built and Ford-built.



No. 608

For this size split keeper. Non-magnetic.

Special spring steel fingers on Jaws automatically align keepers for valve stem.

Magnetic



No. 609

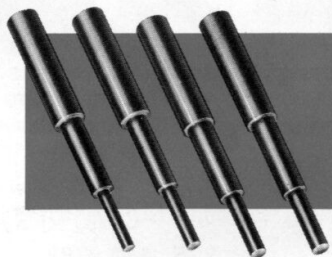
For split collar-type keepers used on rotating, free-type valves.

Specially designed for Ford trucks with free-type valves, also services Massey-Harris "Pony" and Allis-Chalmers Model "G" Tractors.

No. 812

Valve Guide Driver Set

Serves 90% of cars and small trucks



No. 814 Pilot diam. 5/16". Body diam. .485".

No. 815 Pilot diam. 11/32". Body diam. .552".

No. 816 Pilot diam. 3/8". Body diam. .615".

No. 817 Pilot diam. 7/16". Body diam. .675".

Packaged in plastic kit. Precision machined for accurate fit. Each 6-3/4" long.

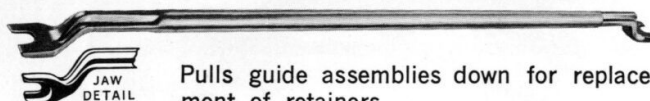
Drivers may be purchased separately.

No. 922 . . Replacement Valve Guide Retainers



Fit Ford V-8, Mercury, Ford 4 & 6 cyl., Ford Tractor. Boxed per 100 (plated only). Also available in bulk, plated or unplated, 3000 up.

No. 245 . . . Bar Type Valve Spring Lifter

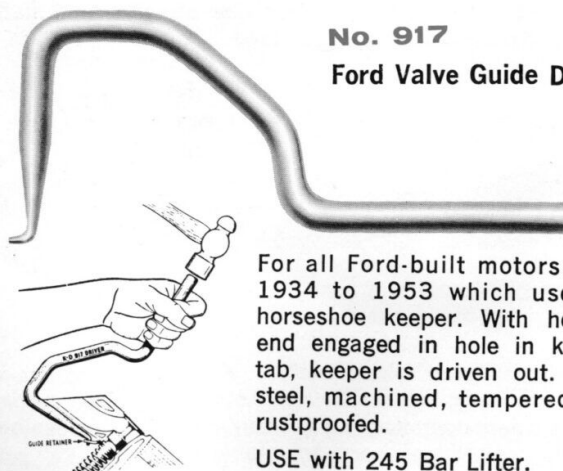


Pulls guide assemblies down for replacement of retainers.

For Ford V-8 and Mercury, 1934 to 1953. Chrome vanadium steel, "girder" constructed jaws, identical at each end. Correctly designed, tempered, rustproofed. 30" long.

No. 917

Ford Valve Guide Driver



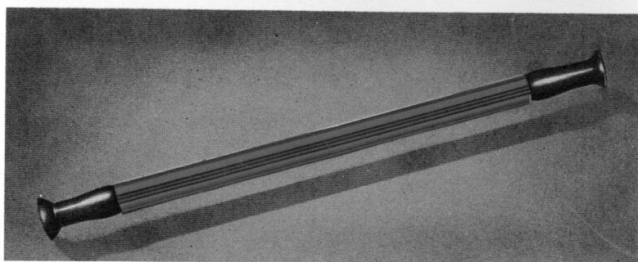
For all Ford-built motors from 1934 to 1953 which use the horseshoe keeper. With hooked end engaged in hole in keeper tab, keeper is driven out. Alloy steel, machined, tempered and rustproofed.

USE with 245 Bar Lifter.



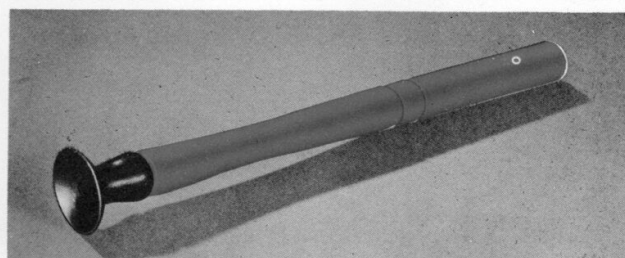
K-D VACUUM CUP VALVE GRINDERS

For hand grinding flat head, unslotted valves. Synthetic rubber Vacuum Cups are impervious to oil, grease, gasoline, atmospheric conditions. Made with thin walls for greater suction, and are replaceable.



No. 501 . . . Dual Cup Grinder

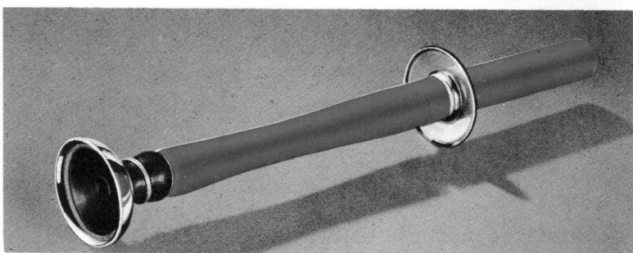
Cup diameters 5/8" and 13/16" for small valves. High impact plastic handle.



No. 506 . . . Grinder

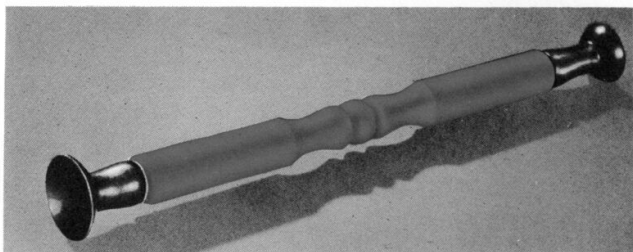
Popular, low priced. Cup 1-3/8" diam.

No. 506BF Like 506 with 15/16" diam. Cup. For British Ford, other small motors.



No. 503 . . . Grinder

For valves with head diam. of 1-1/2". Equipped with 1-3/8" diam. Cup. Metal Retaining Ring prevents Cup from slipping off center. Retaining Ring I.D. 1-9/16". Metal handle flange keeps hands in place.



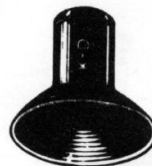
No. 505 . . . Dual Cup Grinder

Cups 1-1/8" and 1-3/8" diam. for many valve sizes.

No. 505BF Like 505, with 15/16" and 1-1/16" diam. Cups. For small motors and industrial engines.

No. 510G Like 505, with 13/16" and 1-1/16" diam. Cups. For 1" and 1-1/4" diam. valve heads.

Replacement Cups For VALVE GRINDERS



Synthetic rubber, diam.: 13/16", 15/16", 1-1/16", 1-1/8", 1-3/8". 501 Series 5/8" and 13/16" diam.

Note . . . Be sure to specify diam. when ordering.

Adaptors For MECHANICAL VALVE GRINDERS



For use on flat head, unslotted valves. Synthetic rubber cups.

No. 504 Cup diam. 1-3/8". Metal Retaining Ring prevents Cup slipping off center while grinding.

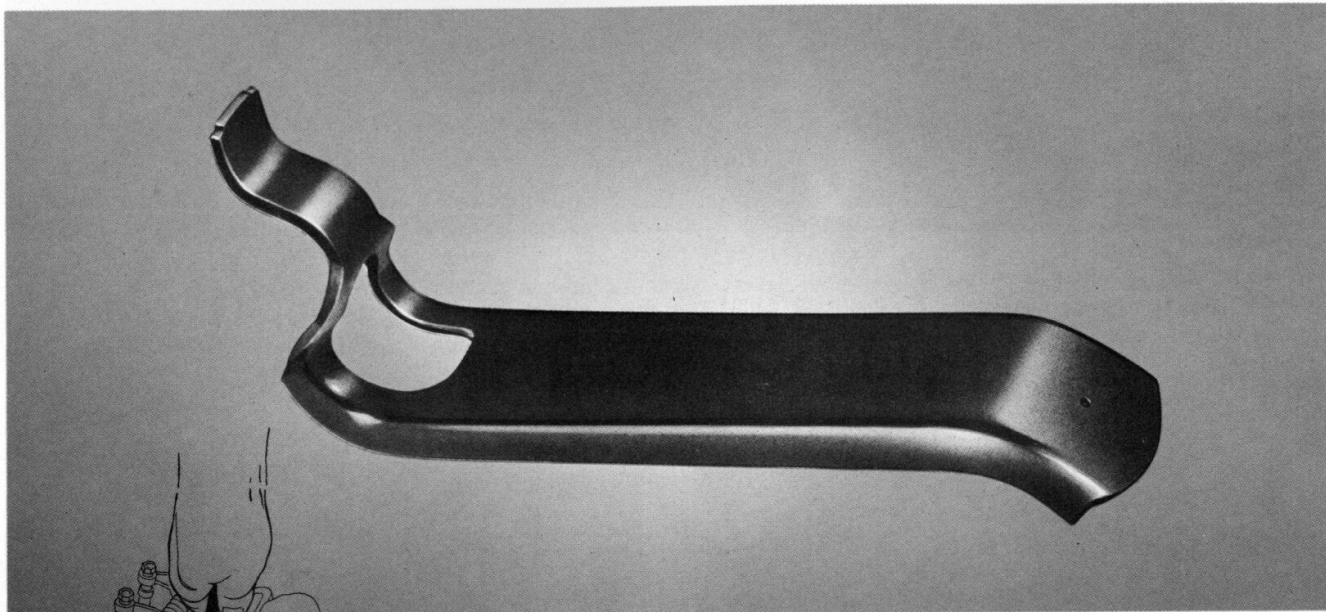


No. 507 Cup only, 1-1/8" diam.

No. 508G Cup only, 13/16" diam. For 1" diam. valves.

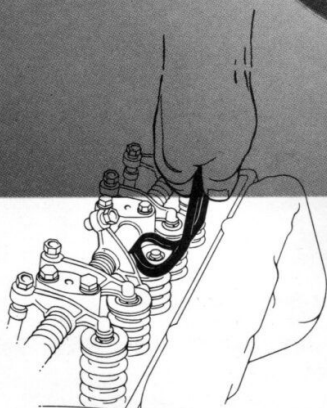
No. 509 Cup only, 1-3/8" diam.

VALVE SPRING COMPRESSORS

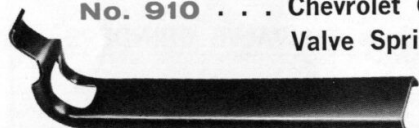


No. 915 . . . Ford Overhead Valve Spring Compressor

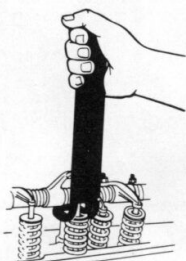
For removing and replacing the occasional single valve spring. Also handles Olds 1949 to date. With rocker arm disconnected and moved aside it hooks under the rocker arm bearing rod and downward pressure compresses spring. USE K-D 901-14MM.



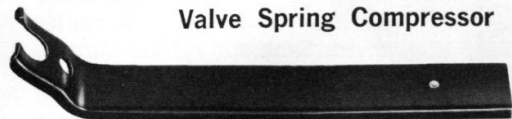
No. 910 . . . Chevrolet 6 Cylinder Valve Spring Compressor



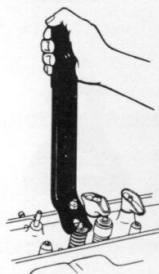
For compressing an occasional weak or broken spring for replacement. With the rocker arm moved aside, it hooks under bearing rod and downward pressure compresses spring. USE K-D 901-18MM.



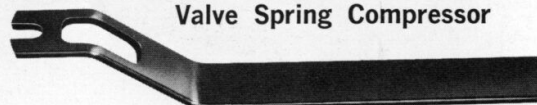
No. 912 . . . Chevrolet, Pontiac, 8 Cylinder Valve Spring Compressor



For replacing an occasional weak or damaged valve spring on single stud rocker arm engines. Rocker arm is removed and 912 is fastened to its stud with nut. Handle has sufficient leverage to compress heaviest double valve springs. Services Pontiac and Chevrolet, 1955 to date. Heavy gauge channel steel construction with easy grip wood handle. Heat treated, black finish, 12-1/2" long. USE K-D 901-18MM.



No. 914 . . . Chevrolet Low Cab Forward Truck Valve Spring Compressor

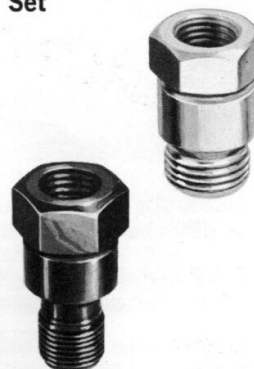


For replacing a single valve spring on these single stud rocker arm engines. With rocker arm removed, place nut back on stud. Forked end of tool straddles stud, downward pressure compresses spring. Works under cab and clears exhaust manifold. Heavy bar steel, heat treated, black finish. 11-1/2" long. USE K-D 901-18MM.



No. 901 . . . Air Hold Set

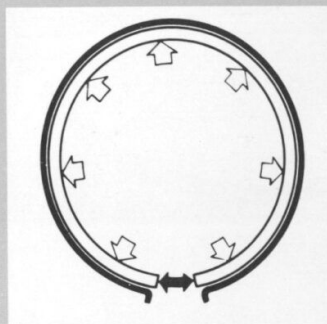
Fits spark plug holes 14MM and 18MM. Threaded to take standard air hose coupling. Used to apply air pressure to valve heads and keep them closed while servicing single valve with K-D Nos. 820, 910, 912, 914, 915.



Prevent Distortion With **K-D PISTON RING EXPANDERS and ADAPTORS**

These K-D Piston Ring Tools apply the only correct mechanical principle to expand piston rings without strain or distortion.

It is accomplished by using an Expander with a separate Adaptor Ring for each size of piston



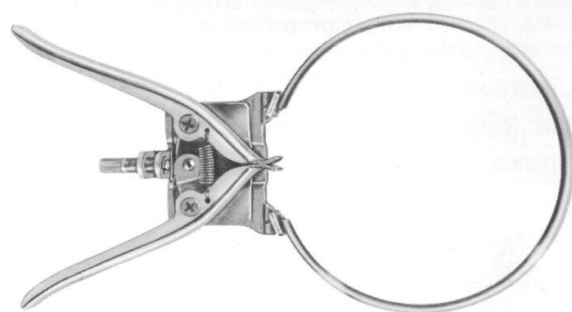
The K-D Principle Prevents Distortion

Pressure is applied to the ring ends by the Expander Jaws (black arrow). Ring expansion is equalized (white arrows) by the Adaptor and distortion prevented.

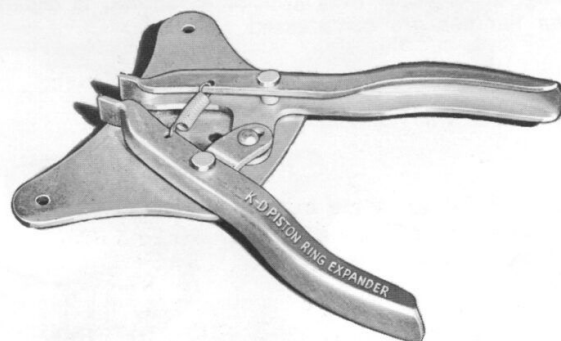
ring. Each Adaptor will service ONLY its corresponding ring size, and the Expander can be used ONLY with the Adaptor.

These tools designed to prevent distortion of rings, reduce breakage, and save time. There is nothing difficult or special in their operation. Adaptors are easily changed.

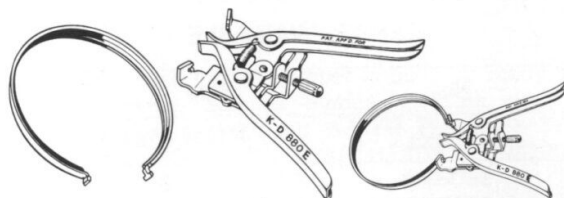
Adaptors are correctly sized to service each ring size. Expander Jaws are tempered. All steel parts rustproofed. Complete operating instructions furnished with the tools.



No. 881 . . . Piston Ring Expander
One 880E and one 4" Adaptor.



No. 890 . . . Expander Only, No Adaptors
For ring sizes 5" to 10-7/8", to order. Adaptors available in a range of sizes from 5" to 10-7/8".



No. 880 . . . Piston Ring Expander Set

This set will handle 80% of all cars and trucks. One 880E and Adaptors sizes 3-7/16", 3-1/2", 3-9/16", 3-5/8", 3-3/4", and 4" in sturdy fibre board storage box.

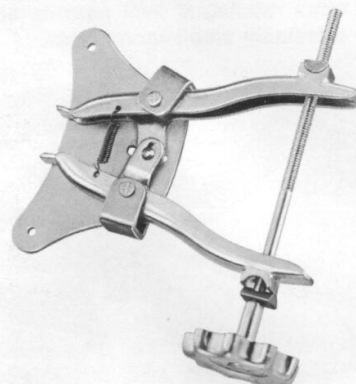
No. 880E . . . Expander Only, No Adaptors

Will handle all ADAPTORS, sizes 1-1/2" to 5" as they become available. Adaptors snap into slots in the Expander, handles adjust to ring size. Expander should not be used without correct size Adaptor. Complete instructions.

Adaptors For 880E

3" • 3-1/4" • 3-3/8" • 3-7/16" • 3-1/2" • 3-9/16" • 3-5/8" • 3-3/4" • 4" • 4-1/8" • 4.3" . . . Ring size clearly marked on each Adaptor.

No. 891 . . . Expander Only, No Adaptors
For ring sizes 11" to 13-7/8", to order. Adaptors available in a range of sizes from 11" to 13-7/8".



No. 892 . . . Expander Only, No Adaptors
For ring sizes 14" to 17-1/2", to order. Adaptors available in a range of sizes from 14" to 17-1/2".



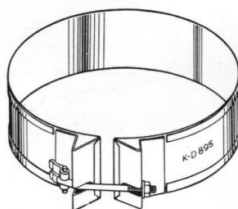
No. 875 . . . PISTON RINGER

Small Rings

A pocket-size tool to remove, install rings up to 4". Light, strong, dependable. Ring gripped as shown, is expanded when handles are compressed.

No. 895 . . . Piston Ring Compressor

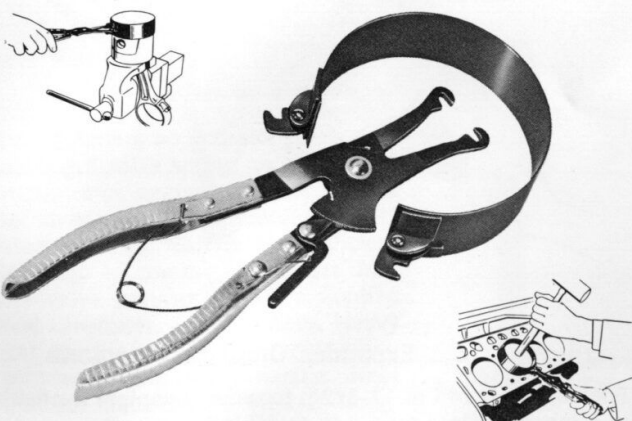
For 8-1/8" rings. Made to meet government specifications. Other sizes available on special order.



"LONG-LIFE" PISTON RING COMPRESSOR

Compressor Pliers With 1 Most Popular Size Band (3-3/8" to 3-5/8")

No. 851 The K-D Piston Ring Compressor is the most efficient versatile and dependable tool of its kind on the market. Designed to operate both vertically and horizontally. Fine tooth ratcheting lock permits bands to be contracted in extremely small increments.



No. 850

Piston Ring Compressor Set

Complete—includes pliers and 6 bands covering a range of 2-7/8" to 4-3/8". Packaged in strong reinforced carton.

No. 850H

Piston Ring Compressor Pliers

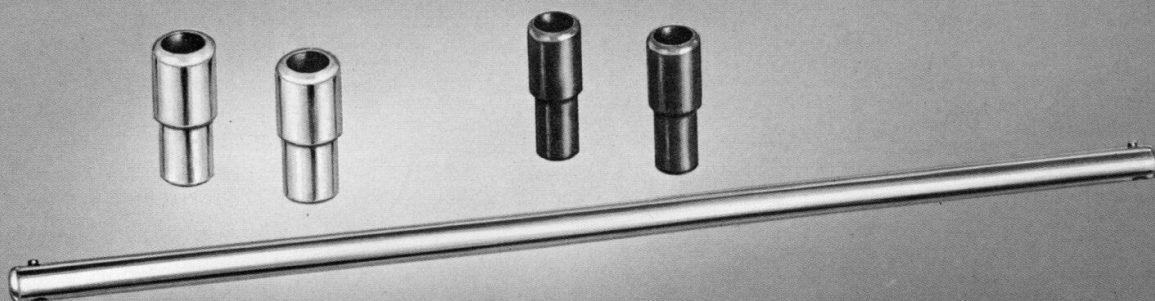
(No bands included)

No. 850BS . . . Special Band

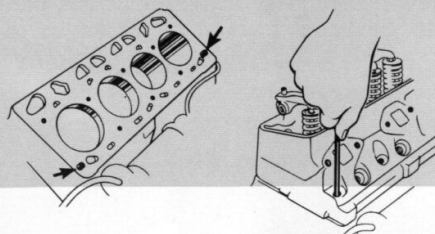
For slant type motors.

STANDARD PISTON RING BANDS AVAILABLE

No.	Size
850BX1	1-7/8" to 2-1/8"
850BX2	2-1/8" to 2-3/8"
850BX3	2-3/8" to 2-5/8"
850BX4	2-5/8" to 2-7/8"
850B1	2-7/8" to 3-1/8"
850B2	3-1/8" to 3-3/8"
850B3	3-3/8" to 3-5/8"
850B4	3-5/8" to 3-7/8"
850B5	3-7/8" to 4-1/8"
850B6	4-1/8" to 4-3/8"
850B7	4-3/8" to 4-5/8"
850B8	4-5/8" to 4-7/8"
850B9	4-7/8" to 5-1/8"
850B10	5-1/8" to 5-3/8"
850B11	5-3/8" to 5-5/8"
850B12	5-5/8" to 5-7/8"



HEAD and GASKET ALIGNING TOOL



No. 480

Consists of two 7/16" Aligning Buttons, two 1/2" Aligning Buttons and a Pulling Rod. The Buttons are higher than the aligning pins installed at the factory and are sure to pilot perfect alignment.

Aligning Buttons are placed in head bolt holes, one at one end of the block, the other at the opposite end.

Gasket is put into place, is automatically located and held in proper position on the Buttons.

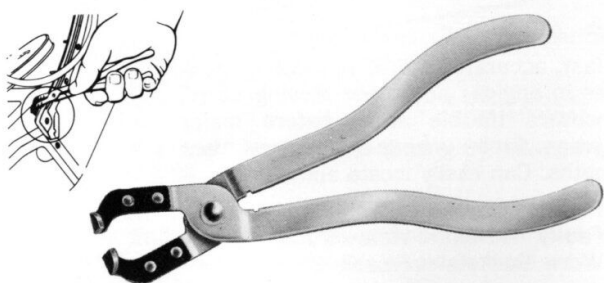
Head is put on, aligning with Buttons. Head secured with several of its bolts and the Pulling Rod is inserted through the bolt holes to remove the buttons.

No. 485 . . . Gasket Scraper



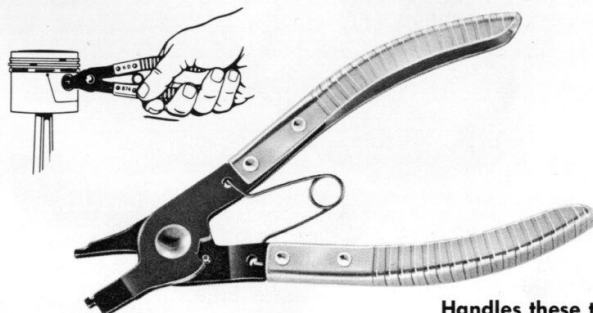
K-D's long neck gasket scraper is built for many years of rugged service. Scrapes mating surfaces clean before installing new gaskets on: WATER PUMPS • THERMOSTAT HOUSINGS • CYLINDER HEADS • CRANKCASE • TIMING CHAIN COVER, etc.

No. 475 . . . Crankcase Gasket Pliers



For slant Sixes, VALIANT, DART, LANCER, PLYMOUTH. It is impossible to install the rubber gasket at the front of the crankcase without this tool. Jaws are properly angled, knurled and heat-treated. 7-1/8"-long.

No. 874 . . . Piston Pin Lock Pliers



Handles these types.



The easy way to remove and install all sizes of piston pin locking rings without distorting or losing them. Jaws grips securely and a slight twist brings them out, the reverse reinstalls them.

No. 190 . . . Universal Oil Filter Wrench



For removing all disposable oil filters, cars and trucks. Positive friction grip with enough leverage to exceed normal requirements. WILL NOT PUNCTURE OR CRUSH filter. Operates in close quarters. FOR TIGHT PLACES, disassemble band at bolt, wrap around filter, reassemble with bolt and proceed.

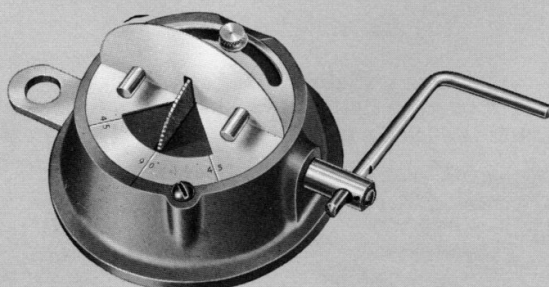
Won't Slip, Puncture or Crush!

No. 192
Fuel Filter Remover and Installer



Designed for the new replaceable cartridge-type gasoline filters to prevent crushing of filter case when replacing the cartridge. Patterned after K-D's popular 190 oil filter wrench, it has self-tightening ratcheting action, permitting operation with maximum amount of stroke in cramped areas.

No. 870 . . . Piston Ring Filer

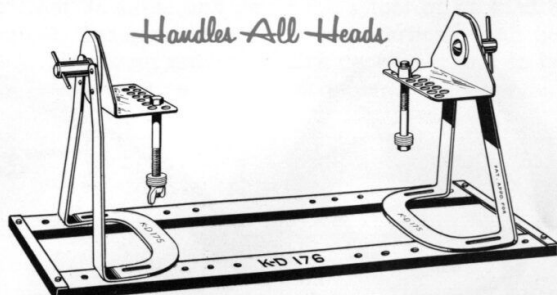


A portable, rotary Filer. Sizes any make, type, size of ring with machine shop accuracy. Ring is held against calibrated gage plate. Turning crank files both ends at same time.

No. 872 . . . Cutter File

For No. 870. Select tool steel, milled to maximum sharpness.

No. 177 . . . Cylinder Head Holder

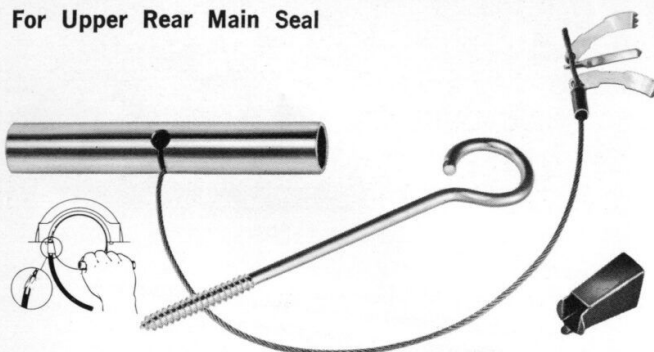


Holds all sizes of cylinder heads in any position for cleaning and valve servicing. Perfectly balanced. Heads bolt to support brackets. T-handle locks brackets at any angle. Legs adjustable on base for any length of head. Completely portable, can be used anywhere in the shop.

No. 175 . . . Cylinder Head Holder Only

No. 176 . . . Base for Cylinder Head Holder Only

No. 490 . . . BEARING SEAL INSTALLER
For Upper Rear Main Seal



Unusual design of gripping "fingers", hold the seal in a firm, positive grip. The release **assures** proper installation on the very first try—**prevents** pulling too far by controlling the distance required to pull the seal through the channel. When the seal reaches the proper distance the gripping "fingers" automatically release. Special tool for removing old seals is also included in the set along with complete instructions.

Set packaged in red plastic kit.

**HEAVY DUTY REMOTE CONTROL
STARTER SWITCH**



No. 124

For any engine with solenoid starter switch. Allows one man to control engine when making various adjustments and repairs. Can be taken apart, cleaned and reassembled. Lifetime guarantee against mechanical failure.

MECHANIC'S STETHOSCOPE
with Shockproof Handle



No. 835

A fast, accurate method of locating troubles in engines and other moving parts. Uncovers trouble areas **before** major damage. Probe uncouples for convenient lengths. Can easily locate and identify—

- Piston Slap • Worn Gears
- Faulty Valves • Water Pump Failure
- Worn Gaskets • Frozen Shackles

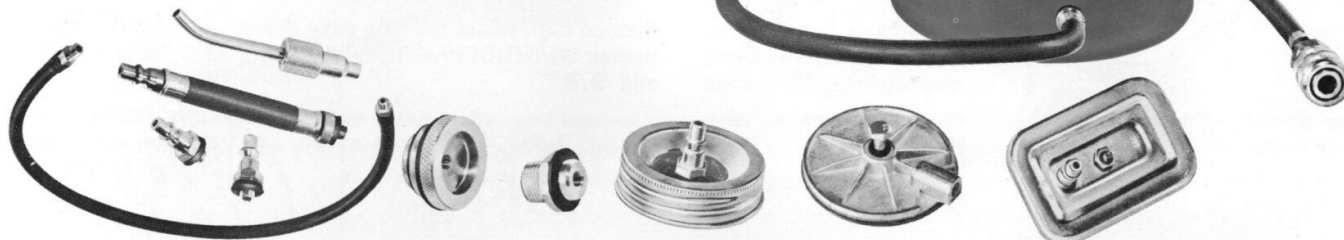
Effective whenever trouble can be traced by sound, such as flow of water, oil, gas, steam, etc. Spring steel diaphragm for long accurate use.



UNIVERSAL HYDRAULIC BRAKE BLEEDER SYSTEM and FLUID DISPENSER TANK

No. 255

Light weight easy to use one gallon tank, fills and bleeds brakes in a single operation on both standard and power brake systems. Carrying handle also serves as dipstick—with hook for hanging over jobs.



Comes Equipped With . . .

3 Ft. Neoprene Hose with Quick Acting Coupler
Large Universal Adapter
Small Universal Adapter
GMC Recessed Master Cylinder
Ford Recessed Master Cylinder Adapter
Chrysler Recessed Master Cylinder Adapter
Bleeder Hose
2 Quick Coupler Fittings

No. 256

Tank with Large and Small Universal Adapters

No. 257

(#260) GMC and CHEVROLET TRUCK. (#259) FORD and
(#258) CHRYSLER Recessed Adapters

Use #258 Chrysler Adapter Plate on 62-63 Chevrolet

No. 261 . . . Master Cylinder Brake Fluid Dispenser
For use on K-D tank and all tanks with similar couplers.

No. 262 . . . Universal Neoprene Hose Adapter
Permits easy access to hard to get at Master Cylinders.

No. 263
Master Cylinder Cap for 1962 Cadillac & Rambler
Solid aluminum cap replaces one of the two vented caps on the "twin" master cylinder. Keeps brake fluid from leaking through the vent hole.

No. 251 Adapter for Studebaker, Rambler & Cadillac—'63 to date.

No. 252 Adapter for GM—all except Cadillac—'64 to date.

No. 253 Cessna 5/32" O.D. Adapter.

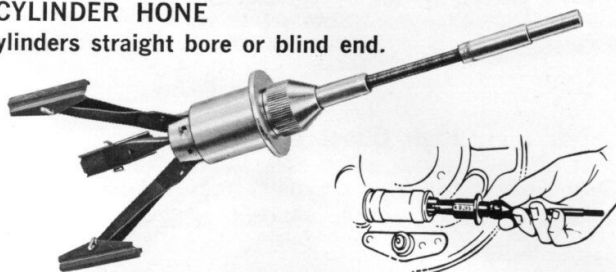
No. 254 Piper 3/16" O.D. Adapter.

K-D BRAKE CYLINDER HONE

Hones all Master, and Wheel Cylinders straight bore or blind end.

No. 265 Unique design of collar on sleeve prevents stones from going through straight bore or double end cylinder. Sleeve slides over arms—protects stones when not in use.
Full range (3/4" to 2-3/4")

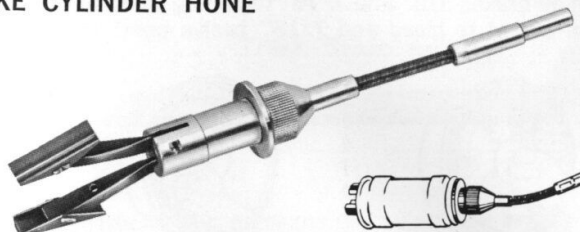
No. 266 Replacement stones (3 stones per set)
—fits all popular brake cylinder hones.



VOLKSWAGEN BRAKE CYLINDER HONE

For V.W.'s and all cars with Brake Cylinders from 5/8" to 1" in diameter.

No. 267 New 2 legged Brake Cylinder Hone for V.W.'s and all foreign cars with brake cylinders up to 1" in diameter. Like K-D's popular standard size hone, a collar prevents stones from popping out double end cylinders—eliminating the main cause of stone breakage.

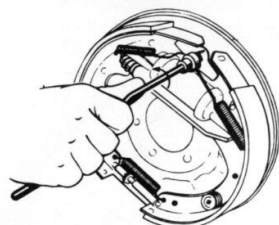


No. 280

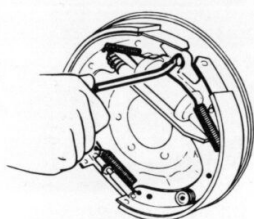
Brake Shoe Return Spring Tool for Bendix



Removes and installs.
Solid steel rod, properly machined. 8-3/4" long.



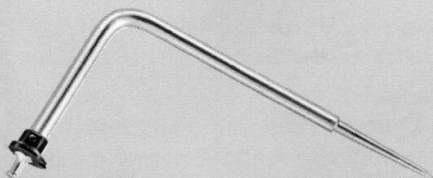
TO REMOVE RETURN SPRING,
use cupped end of tool.



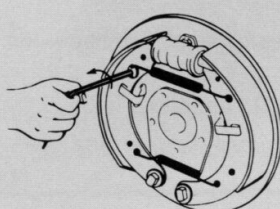
TO REPLACE SPRING, use
straight end.

No. 270

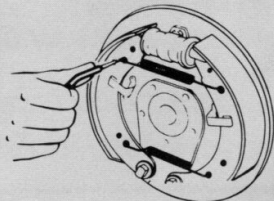
Brake Shoe Return Spring Tool for Lockheed and Total Contact



Removes and installs. Solid steel rod, correctly
shaped, properly machined and rustproofed.
7-5/8" long.



TO REMOVE SPRING, use stud
on end of tool.

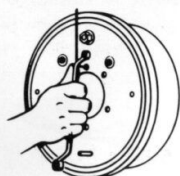


TO REPLACE SPRING, use
the pointed end of tool.

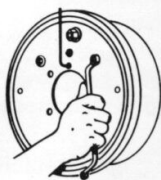
No. 286 . . . High Offset Brake Wrench



Works on all brakes 3/8" and 7/16" including CHRYSLER.
3/8" hex socket to bleed and 7/16" twelve point socket
to adjust.

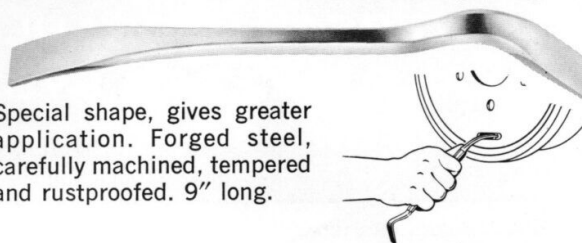


BLEEDS



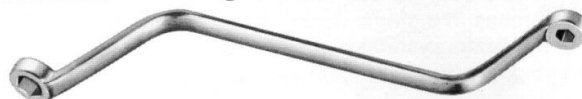
ADJUSTS

No. 287 . . . Brake Starwheel Adjusting Tool

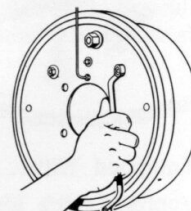
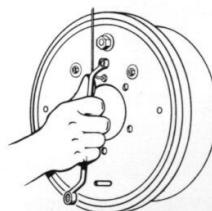


Special shape, gives greater
application. Forged steel,
carefully machined, tempered
and rustproofed. 9" long.

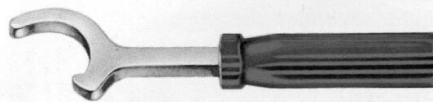
No. 291 . . . High Offset Brake Wrench



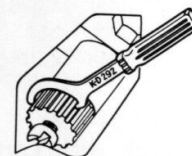
Special high offset permits easy access. Bleed and adjust
brakes on STUDEBAKER, NASH, PACKARD, others. 1/4"
and 3/8."



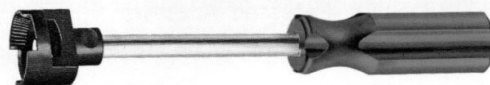
No. 292 . . . Chrysler Hand Brake Adjusting Tool



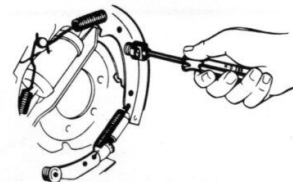
Reaches into housing and adjusts spline
on all cars with transmission hand brakes,
special shape for correct pushing action.



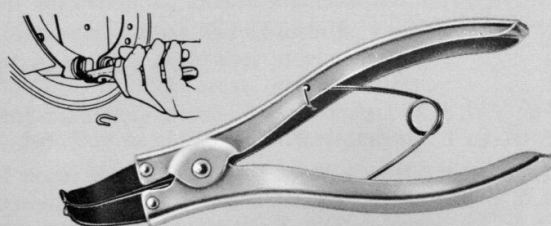
No. 285 . . . Brake Shoe Retaining Spring Tool



Removes and replaces the
dished retaining washer of
spring assembly. Cup is
knurled for secure grip and
notched for washers with
ears.



No. 293 "C" Washer Pliers for Lockheed



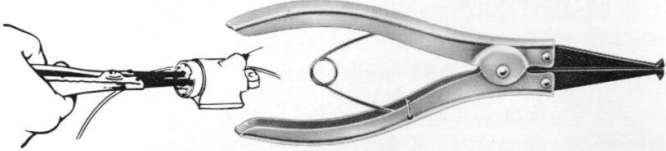
Expands and removes the "C" shaped washer at
the bottom of Lockheed shoes. Operates through
360°, no matter what the position of the washer.

No. 295 . . . Brake Starwheel Adjusting Tool



Will work on most brakes but is especially adapted to CORVAIR, TEMPEST and the FORD line. Special angled end permits operation from a side angled position in cases where spring hangers interfere.

No. 294 . . . Brake Piston Puller for Lockheed



Long, pointed jaws reach into the brake piston and securely grip the inside of the piston for easy removal. Jaws specially designed.

BRAKE SHOE RETAINING SPRING TOOL

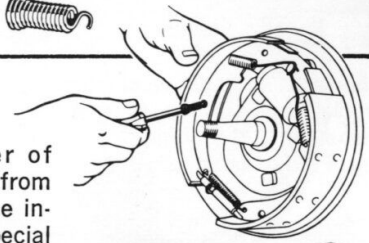
for

FALCON • COMET • VALIANT
and others using this type spring



No. 297

Reaches into center of spring to disengage it from retaining washer on the inside of the drum. Special shoulder prevents setting spring by over-stretching.

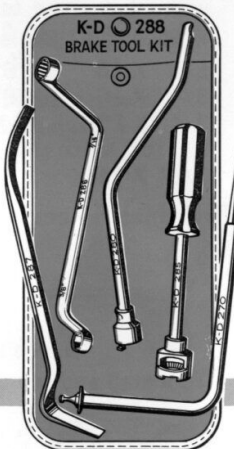


BRAKE TOOL KITS

No. 288

Contains:

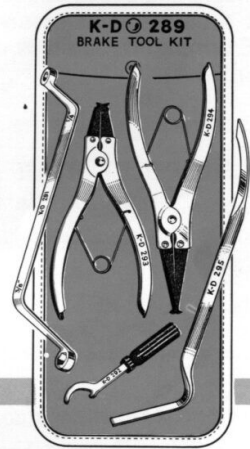
- No. 270 . . . Brake Shoe Spring Tool for Lockheed, total contact
- No. 280 . . . Brake Shoe Spring Tool for Bendix
- No. 285 . . . Shoe Retaining Spring Tool for Bendix
- No. 286...High Offset Brake Wrench 3/8" and 7/16"
- No. 287 . . . Brake Adjusting Tool



No. 289

Contains:

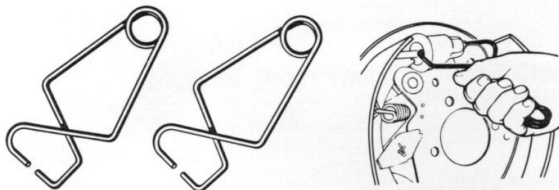
- No. 291 . . . High Offset Brake Wrench 1/4" and 3/8"
- No. 292 . . . Chrysler Hand Brake Adjusting Tool
- No. 293... "C" Washer Pliers for Lockheed
- No. 294 . . . Brake Piston Puller for Lockheed
- No. 295 . . . Brake Adjusting Tool, Corvaire & Ford line



No. 290 . . . Master Brake Tool Kit

Assortment of 10 Tools required to service LOCKHEED, BENDIX and TOTAL CONTACT Brakes. Made up of the 288 and the 289 Brake Tool Kits.

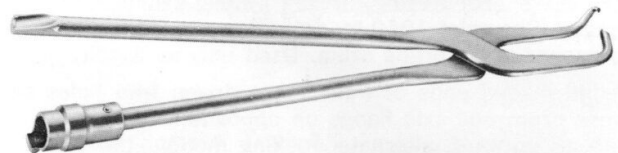
No. 296 . . . Brake Piston Clamps



Sold in Pairs Only

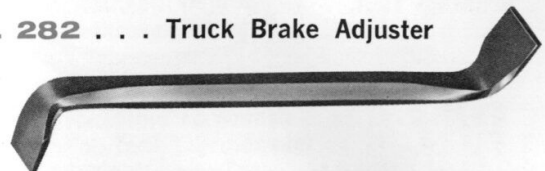
For holding brake piston under compression when shoes are removed. Special design permits use on rounded cylinder in total contact brakes. Sturdy spring steel, ample tension.

No. 298 . . . Brake Spring Pliers



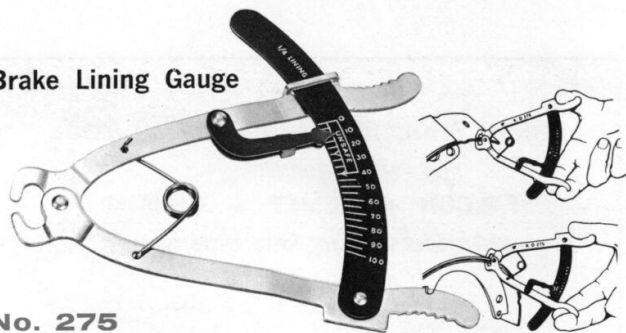
A Universal combination brake spring plier for removing and installing internal brake springs on most makes of cars and trucks. Includes special socket for servicing of Bendix Lockheed brakes.

No. 282 . . . Truck Brake Adjuster



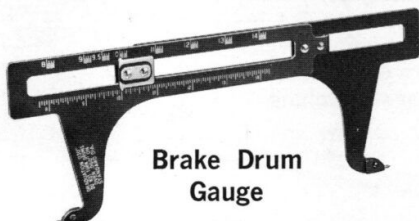
For all trucks with mechanically adjustable brakes
Specially designed shape (angled and twisted) to clear axle housing when working on top adjuster.

Brake Lining Gauge



No. 275

Shows % of lining remaining on passenger cars and light trucks. Indicates when lining is dangerously thin. One side measures 3/16" lining—reverse side measures 1/4" lining. Pointer is adjustable for shoes of various thicknesses.

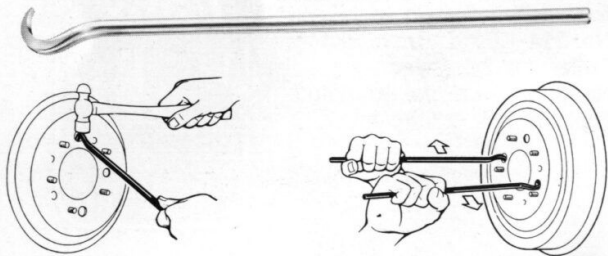


Brake Drum Gauge

No. 277 Accurately measures Drum oversizes on passenger cars and light trucks. Primary scale measures all standard size drums 7-7/8" through 14-1/4" inclusive. Secondary scale provides for FUTURE passenger and light truck drum sizes. Measures point of greatest wear BEFORE turning. Determines whether drum can be turned or discarded.

CHEVROLET REAR BRAKE DRUM PULLER

Use No Heat!



No. 284 For freeing "frozen" brake drums from axle flanges, Chevrolet 1940 to date. Uses no heat, therefore no danger of distorting drum. Used only as a pair.

Wedge-shaped ends of Pullers are driven into holes between drum and axle flange on opposite sides of axle. With an outward, alternate, rocking motion, the drum is pried loose. Both Pullers must be used to prevent binding. No heat necessary. Use penetrating oil.

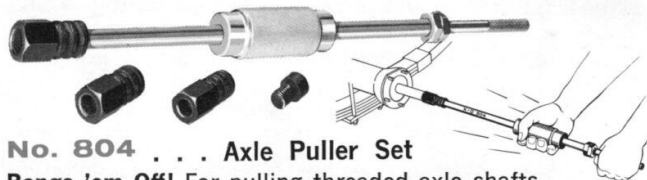
No. 1500

Tire Probing Tool



Spreads cuts in tires for easy removal of foreign bodies, without mutilating tires. Absolutely necessary for checking tubeless tires.

Meets Federal specifications.



No. 804 . . . Axle Puller Set

Bangs 'em Off! For pulling threaded axle shafts.

Set consists of 20" machined Bar with Sliding Hammer, plus Nos. 805, 806, 807 Adaptors to fit popular size axle shafts. Adaptors are threaded on axle shaft, Bar is then threaded into Adaptor. Striking Hammer against hex nut at other end of Bar pulls axle. Adaptors not subject to return for replacement. Complete instructions furnished.

Adaptors for K-D 804 Axle Puller

No. 805 Size 5/8" X 18. 2-1/4" long.

No. 806 Size 3/4" X 16. 2-1/4" long.

No. 807 Size 7/8" X 14. 2-1/4" long.

No. 808 Size 1" X 14. 2-1/4" long. Not furnished with 804 Set.

"Bingo" Wheel Pullers

A quick, convenient method for jarring wheel hubs loose without damage to axles. Specially heat treated for hard service. All sizes 2-1/4" long. Sizes as follows:

5/8" X 18	7/8" X 16	1-1/4" X 7
3/4" X 16	7/8" X 18	1-1/4" X 12
3/4" X 20	1" X 14	1-1/2" X 6
13/16" X 16	1-1/8" X 7	1-1/2" X 12
7/8" X 14	1-1/8" X 12	



No. 470 . . . Universal Wheel Weight Tool

Drives weight into place, crimps automatically. To install and remove all types of wheel balancing weights.



FOR WEIGHTS WITH HOLES, specially shaped hook engages in hole for easy removal.

FOR WHEELS WITH COOLING DISCS (Olds, Cadillac) use the cooling disc as a fulcrum to push weight into place.

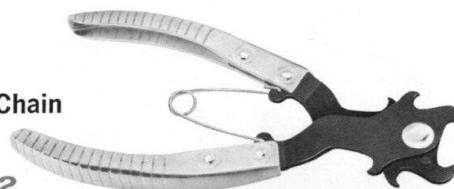
FOR WEIGHTS WITHOUT HOLES, pointed end of 470 reaches between tire and weight and engages on tongue of weight for easy removal.

Repair-A-Chain

No. 472

Fast easy repair of cross-link chains for all Passenger Cars and Light Trucks.

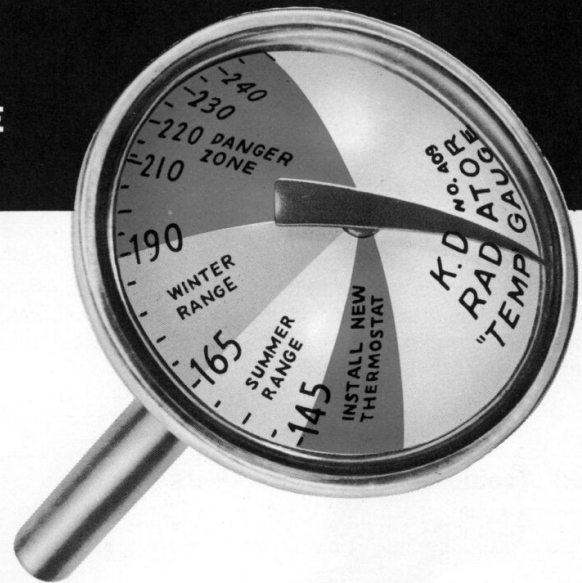
Makes tire chain repair fast and easy. Use side jaws for spreading or opening—front jaws for closing or pulling together.



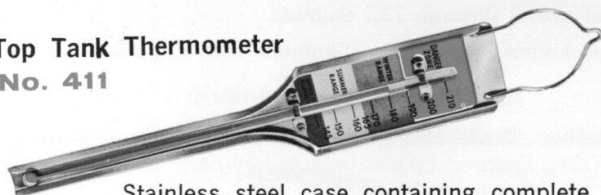
DELUXE RADIATOR "TEMP" GAUGE

No. 409

This colorful K-D temperature gauge is invaluable as a sales aid in selling thermostat installation. Checks general condition of cooling system. Indicates condition of thermostat without removing. Indicates rust condition, failing water pump. Indicates operation of dash thermometer. Dial face is calibrated in F. & Cent. increments of 5° and is guaranteed within 1° at 190 F°. Complete instructions on gauge.



Top Tank Thermometer No. 411

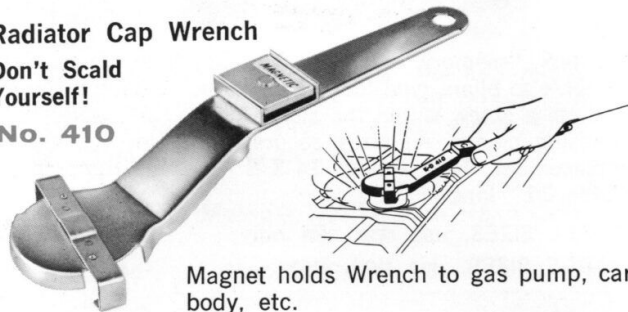


Stainless steel case containing complete instructions and suggestions for use.

Indicates condition of thermostat without removing.
Indicates rust condition, failing water pump.
Indicates operation of dash thermometer.
Indicates type of coolant.

Complete instructions on Thermometer and on card. Not subject to return if broken.

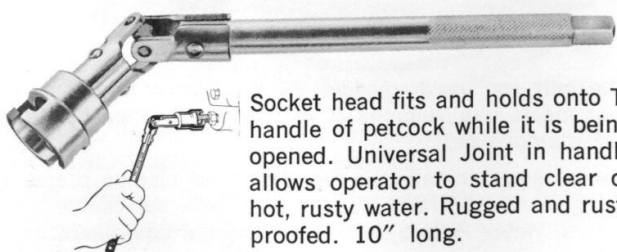
Radiator Cap Wrench Don't Scald Yourself! No. 410



Magnet holds Wrench to gas pump, car body, etc.

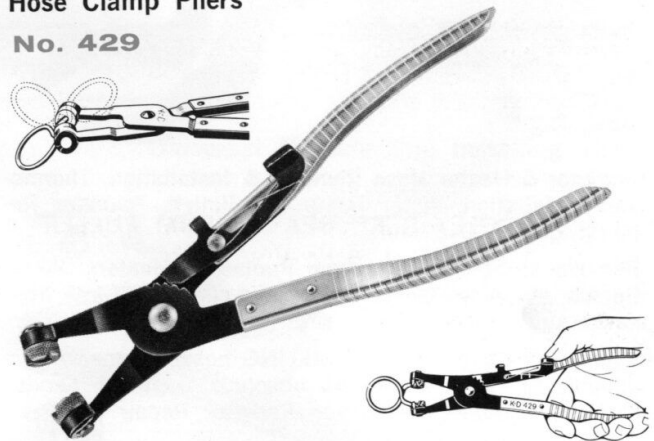
Another hand saver. No more burned hands. Strong, channel, construction with leverage enough to remove the most stubborn caps. Fits all standard sizes. Rustproofed. 10-1/4" long.

No. 412 . . . Petcock Drain Tool . . . Stand Clear!



Socket head fits and holds onto T-handle of petcock while it is being opened. Universal Joint in handle allows operator to stand clear of hot, rusty water. Rugged and rust-proofed. 10" long.

Hose Clamp Pliers No. 429



Positive latch holds clamp securely when expanded.

A tool proven in use, improved by the addition of a 4-position automatic thumb latch. Sturdy construction, tempered working parts for long, dependable life. 8-1/2" long. Jaws swivel thru 180°.

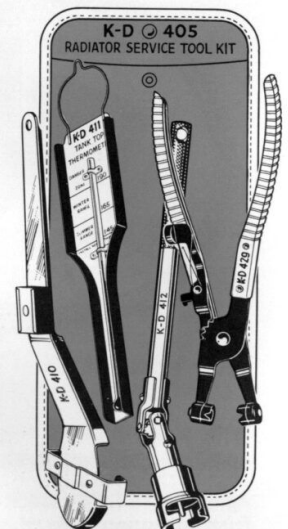
Radiator Service Tool Kit

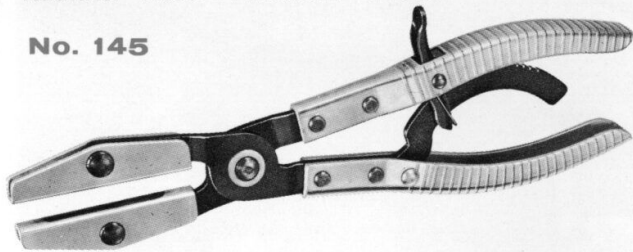
No. 405

The most frequently required tools for radiator service and repair in shops and service stations. Packed in durable, plastic, see-through kit with button flap.

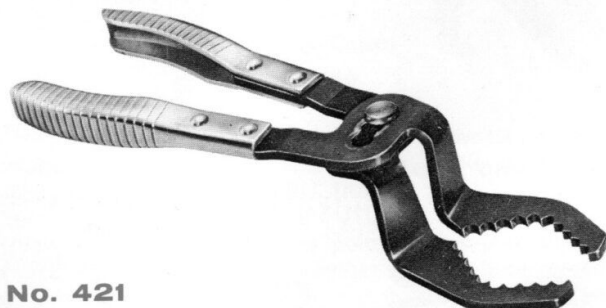
Contains:

- 410 Radiator Cap Wrench
- 411 Top Tank Thermometer
- 412 Petcock Drain Tool
- 429 Hose Clamp Pliers



Radiator Hose "Pinch-Off" Pliers**No. 145**

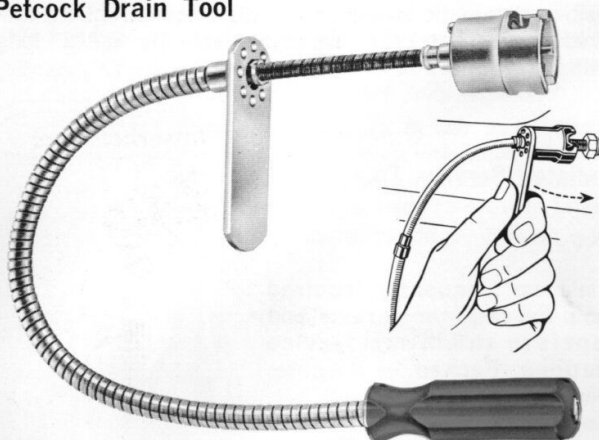
Eliminate necessity of draining cooling system when installing Thermostats and Water Pumps on all pressurized cooling systems. Also works on heater hose. Jaws Swivel for parallel clamping and positive shutoff. Automatic ratchet locking.

"Shark Tooth" Radiator Hose Pliers**No. 421**

Radiator & Heater Hose Removal & Installation. Thermostat Installation. Water Pump Installation. Radiator Repairs. Engine Overhauls.

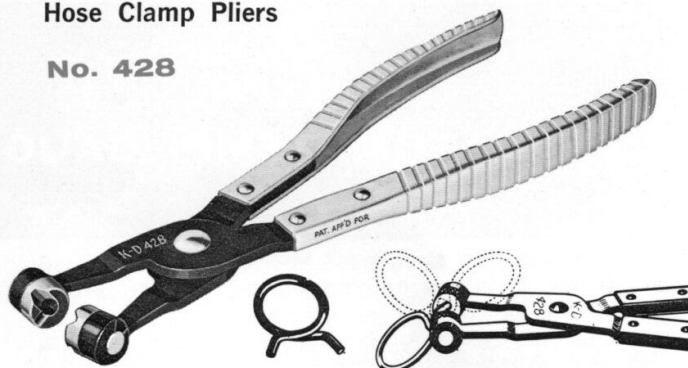
Remove stubborn hoses from Radiators, Heaters, Water Pumps, etc. A few twists and hose is completely free from gasket glue, frozen fittings, etc.

Equally effective when INSTALLING hoses—especially in difficult to reach areas. An absolute must for Service Stations, Garages, Fleets and Radiator Repair Shops.

Petcock Drain Tool**No. 415**

With long, no-kink "memory" cable, for opening cooling system petcocks. Services cars and trucks.

After breaking petcock loose with wrench, stand clear and turn full open with plastic handle.

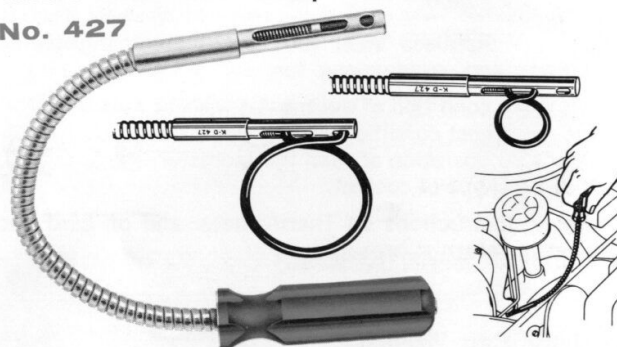
Hose Clamp Pliers**No. 428**

Tool overcomes all the difficulties of removing, installing hose clamps. Slim to reach into tight places; Jaws swivel to handle clamps at any angle.

Double slots in each Jaw provided to hold small or large sizes securely. Jaws close fully so small sizes can be completely expanded. 8-1/8" long, all steel, rustproofed. Tempered Jaws. Instructions furnished.

Jaws swivel through 180 degrees.

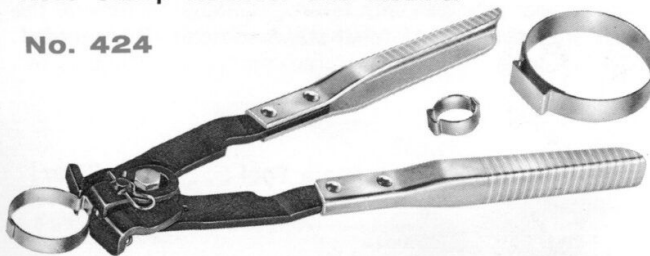
Jaws knurled for easier alignment with fingers.

Flexible Shaft Hose Clamp Tool**No. 427**

No kink, "memory" cable reaches into tight places inaccessible to pliers type tools. Easy turns of plastic Handle operate a screw within the sleeve on end of Cable, compressing clamp. All sizes securely held for removal or replacement. Fast acting. 14-3/8" overall, rustproofed. Cable 11" long.

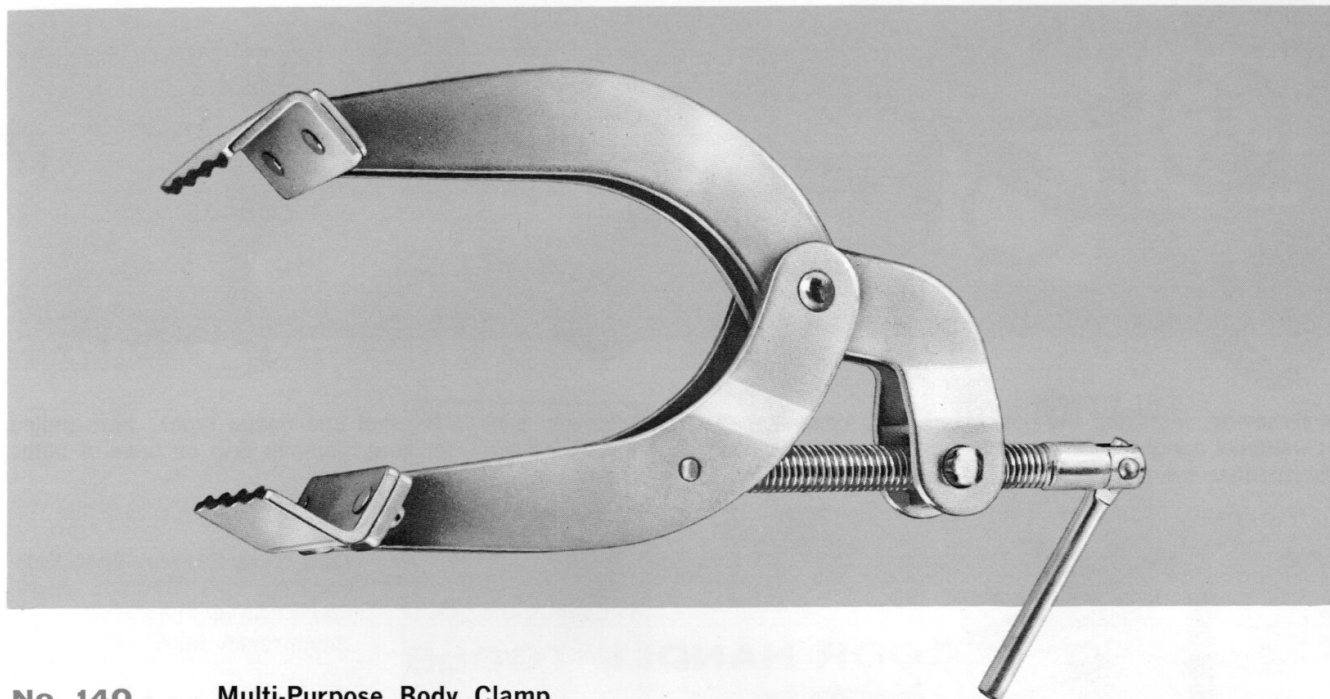
SMALL SIZES, use rear slot only.

LARGE SIZES, use both slots.

Hose Clamp Remover and Installer**No. 424**

The **only** tool recommended by the clamp manufacturer that meets requirements of the **complete** range of standard clamp sizes.

Removes and installs the new type hose clamps presently being used for hose applications on replaceable Fuel Filters, Water Pumps, and other original equipment.

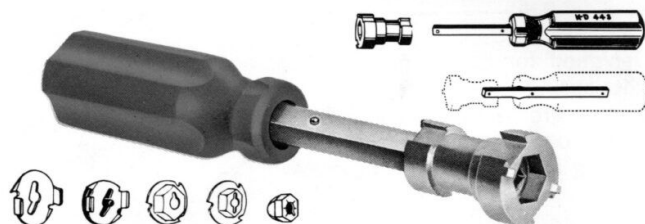


No. 140 . . . Multi-Purpose Body Clamp

A sturdily designed screw clamp with wide-strong jaw pads. Useful for many purposes around a shop: BODY

REPAIRS, WELDING, STRAIGHTENING, ETC. Strong steel frame, fast acting screw, secure grip. Rustproofed.

No. 443 . . . Reversible Shaft Molding Nut Tool



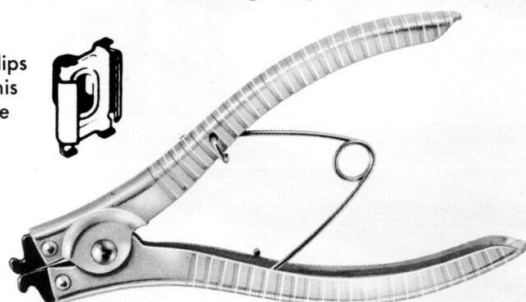
With reversible head 5/16" and 3/8" the 443 removes and replaces thread cutting nuts and self threading hex nuts as shown. Reversible shaft (3-7/16" and 4-15/16") permits access to virtually all nuts.

No. 443-B . . . Molding Nut Wrench Head Only

No. 443-H . . . Handle Only

No. 440 . . . Molding Clip Installing Tool

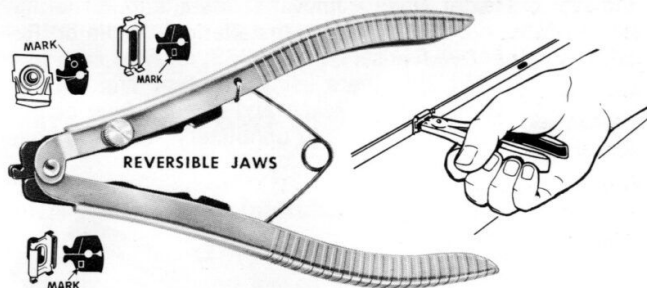
For clips of this type



Designed to install molding clips in Chevrolet, Buick, Olds and Pontiac. Small and easy to handle.

Jaws fit into clip. Squeezing handles expands clip holding it securely in place. Avoid excessive pressure and twisting.

No. 441 . . Universal Molding Clip Installing Tool



For both the "bathtub" and "hat" type clips.

Jaws are identified as shown—circle mark for the "hat" clip, a square one for the "bathtub".

No. 465 . . . Universal Shock Absorber Tool

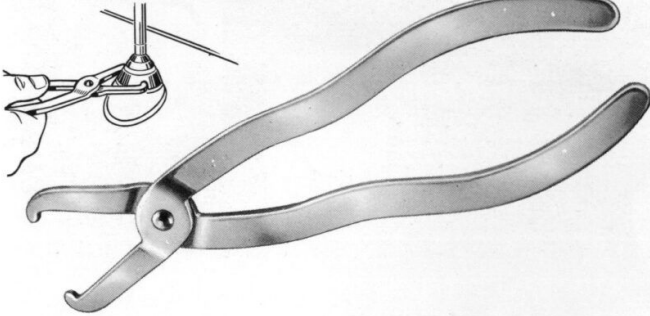


Used to install all makes of shocks in all makes of cars. **Reaches Deep!**

Reaches down through mounting hole and threads onto shock piston rod. Pulls shock up into mounting position.

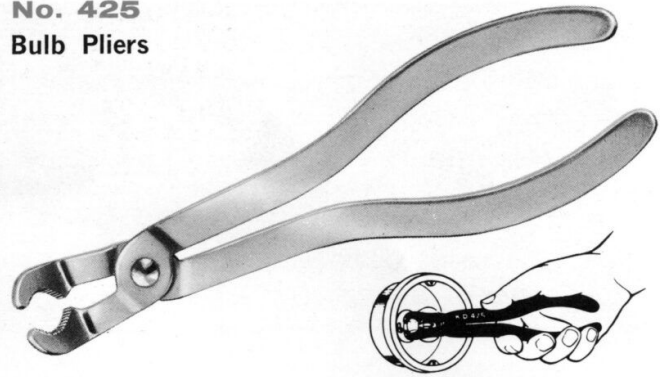
Wrench opening fits end of piston rod and holds it securely while mounting nuts are being tightened.

No. 420
Radio Aerial Pliers



For removing, installing the double notched, cone-shaped nut used on many fender aerals. Useful for many other light spanner wrench jobs.

No. 425
Bulb Pliers



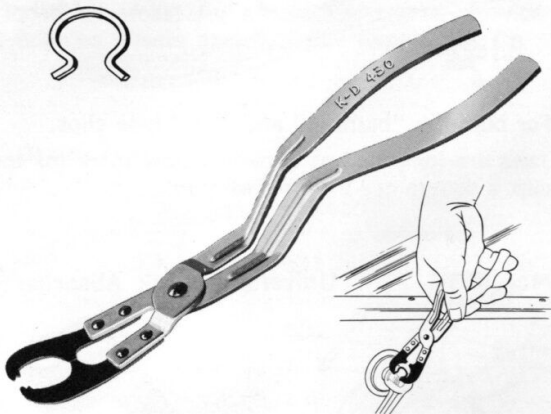
Removes, installs bayonet and flange types. Jaws milled with sharp teeth for sure, non-slip grip on base of bulbs to prevent breaking glass.

DOOR HANDLE TOOLS

ROLL SPRING OUT . . DO NOT FORCE!
Removes all springs of this type

No. 430

For all GM cars since 1933; all Ford cars since 1951; all others using this type clip. Fastest, surest way to reach and remove interior door handles. Won't mar upholstery, reduces danger of flying springs.

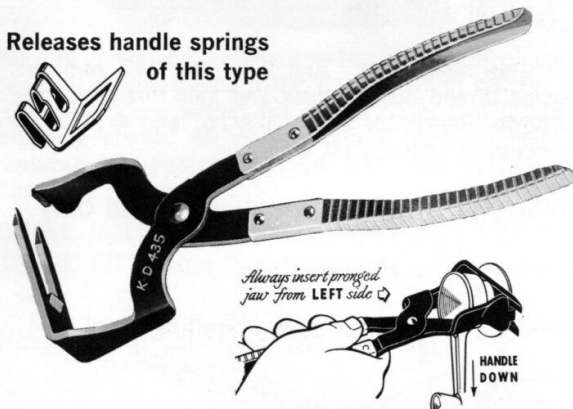


SURE, SIMPLE OPERATION . . .
Releases handle springs of this type

No. 435

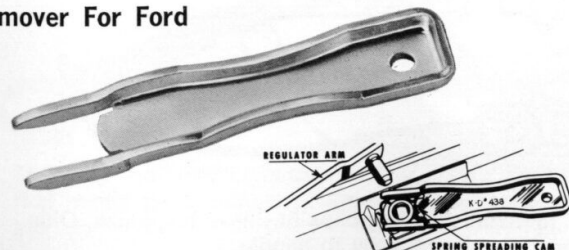
Designed for Chrysler-built cars since 1955. The spring clip illustrated must be released from a groove in the shaft before handle can be removed. Pronged Jaws also useful in removing interior door trim panels.

Releases handle springs
of this type



No. 438 . . . Window Regulator Arm Remover For Ford

Releases spring clip which secures Regulator Arm so Arm can be lifted off with spring still in place, undamaged. Roller assembly remains in the channel ready for replacement.



K-D SNAP RING PLIERS

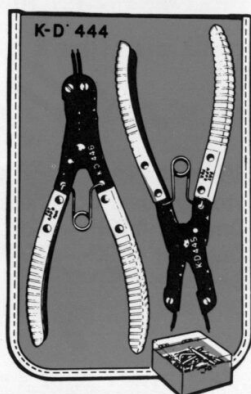
Interchangeable Points

One pliers for internal snap rings; another for external. Using different types and sizes of interchangeable Points a wide range of application is provided. Hexagonal points are automatically aligned and secured in hexagonal shape jaws, secured by a round head screw in each tempered jaw plate . . . they cannot twist. Points are highest quality tool steel, accurately machined and tempered.



No. 444 . . . Set

One 445T Internal Snap Ring Pliers, one 446T External Snap Ring Pliers and one 448 Interchangeable Point Assortment, nine pairs.

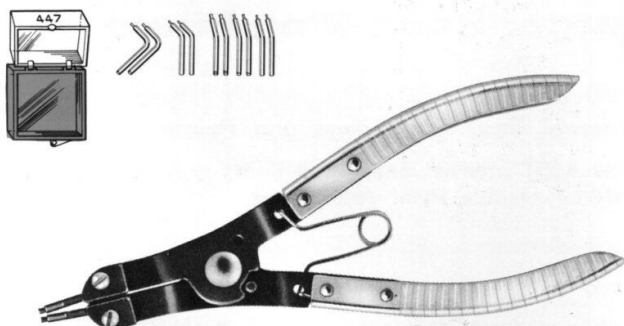


No. 445 . . . Internal Snap Ring Pliers



One 445T Internal Snap Ring Pliers only and one 447 Interchangeable Point Assortment, five pairs.

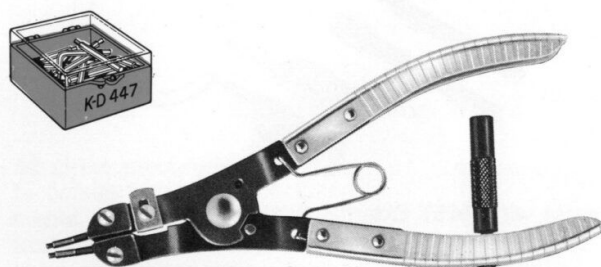
No. 446 . . . External Snap Ring Pliers



One 446T External Snap Ring Pliers only and one 447 Interchangeable Point Assortment, five pairs.

FOR PRODUCTION USE

No. 446X . . . External Snap Ring Pliers



Essentially the same design as K-D 446 but with two adjustments for production use, where many rings of the same size are being handled. Adjustment stops on jaws can be set to any desired point spread. Stop on handle to control maximum ring expansion.

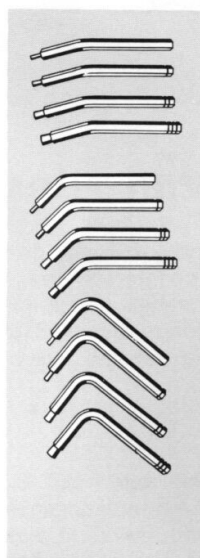
Shipped with one 447 Point Assortment

446XT EXTERNAL SNAP RING PLIERS ONLY, no points.

No. 449P . . . Interchangeable Points

For use in either 445T, 446T, or 446XT. Hex shapes automatically aligned and locked in hex jaws of Pliers. Can't turn! Tips ground with slight reverse taper for more secure grip in ring hole.

Order by **COMPLETE** type Number as listed below.



TYPE NO.

- 449P-.039-15 (Point diameter .039", angle 15°)
- 449P-.047-15 (Point diameter .047", angle 15°)
- 449P-.074-15 (Point diameter .074", angle 15°)
- 449P-.090-15 (Point diameter .090", angle 15°)
- 449P-.039-45 (Point diameter .039", angle 45°)
- 449P-.047-45 (Point diameter .047", angle 45°)
- 449P-.074-45 (Point diameter .074", angle 45°)
- 449P-.090-45 (Point diameter .090", angle 45°)
- 449P-.039-90 (Point diameter .039", angle 90°)
- 449P-.047-90 (Point diameter .047", angle 90°)
- 449P-.074-90 (Point diameter .074", angle 90°)
- 449P-.090-90 (Point diameter .090", angle 90°)

.039 point identified by plain shank.
 .047 point identified by one notch on shank.
 .074 point identified by two notches on shank.
 .090 point identified by three notches on shank.

No. 447 . . . Interchangeable Points Set



5 pairs points in plastic box.

No. 449P-.039-15

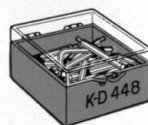
No. 449P-.047-15

No. 449P-.074-15

No. 449P-.039-45

No. 449P-.047-90

No. 448 . . . Interchangeable Points Set



9 pairs points in plastic box.

No. 449P-.039-15

No. 449P-.039-45

No. 449P-.039-90

No. 449P-.047-15

No. 449P-.047-45

No. 449P-.047-90

No. 449P-.074-15

No. 449P-.074-45

No. 449P-.074-90

No. 449H . . . Points for Holeless Snap Rings



For use with 446T External Snap Ring Pliers.

No. 451 . . . Interchangeable Point Set



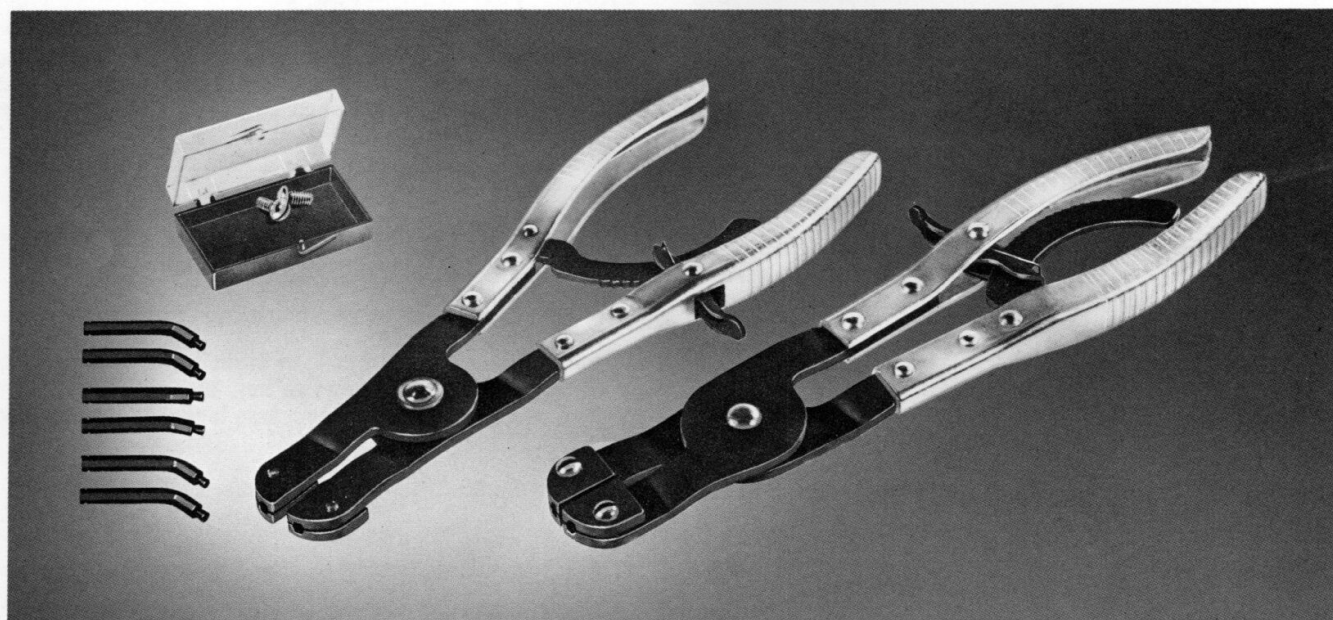
Makes 445, 446, and 446X Universal. Four pairs in plastic storage box. Contains:

One pair 449P—.020", for smallest rings

One pair 449P—.060-15, four identifying grooves.

One pair 449P—.090—15

One pair 449H—for holeless rings



More Range With These Larger Snap Ring Pliers

These tools are designed to supplement the 445 and 446. By using the different types and sizes of interchangeable points, the mechanic now has a wider range of applications, both automotive and industrial. Pliers each 9-3/8" long with firm-grip handles, automatic ratchet locking device built into handle.

No. 454 . . . Set

One 455T Internal Snap Ring Pliers only, one 456T External Snap Ring Pliers only and one 457 Interchangeable Point Assortment, (3 pairs Interchangeable Points in plastic storage box). Set packed in plastic kit with button flap.

No. 455

Internal Snap Ring Pliers and Points

One 455T Internal Snap Ring Pliers only with one 457 Interchangeable Point Assortment.

No. 456

External Snap Ring Pliers and Points

One 456T External Snap Ring Pliers only with one 457 Interchangeable Point Assortment.

No. 457 . . . Interchangeable Point Assortment

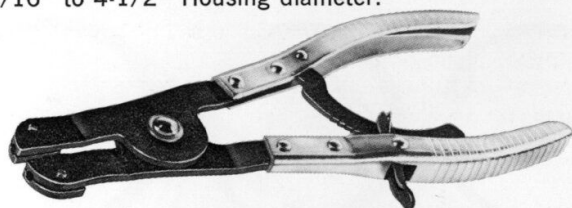


Plastic storage box containing 1 pair of jaw plate screws and one pair each of the following interchangeable points for use in 455T and 456T:

- 459P—.108-15 (Point diameter .108", angle 15°)
- 459P—.108-45 (Point diameter .108", angle 45°)
- 459P—.123-45 (Point diameter .123", angle 45°)

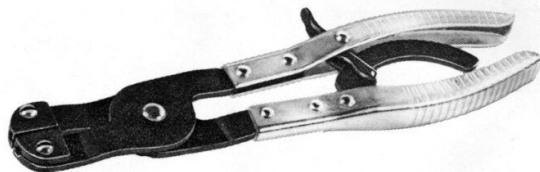
No. 455T . . . Internal Snap Ring Pliers Only, no points

455T INTERNAL Snap Ring Pliers, designed for rings 2-7/16" to 4-1/2" Housing diameter.



No. 456T . . . External Snap Ring Pliers Only, no points

456T EXTERNAL Snap Ring Pliers, designed for rings 1-1/2" to 4-1/2" Shaft diameter.



No. 459P . . . Interchangeable Points

For K-D 455T and 456T. Hex shaped—cannot twist because they are automatically aligned and secured in hex jaws of the Pliers. A round head screw on each tempered jaw plate locks points in place. Point tips are ground with slight reverse taper for more secure grip in ring holes.

- 459P—.108-15 (Point diameter .108", angle 15°)
- 459P—.123-15 (Point diameter .123", angle 15°)
- 459P—.108-45 (Point diameter .108", angle 45°)
- 459P—.123-45 (Point diameter .123", angle 45°)
- 459P—.108-90 (Point diameter .108", angle 90°)
- 459P—.123-90 (Point diameter .123", angle 90°)

Minimum order, three pairs one type
108" Point identified by plain shank
123" Point identified by one notch on shank

No. 985 . . . Emergency Snap Rings

52 of the most-called-for rings to handle emergency replacements, in automobiles, industrial equipment, home appliances and many other fields. The chart below used with the silhouette chart on page 26 make it easy to identify the rings for application and for reordering. A silhouette chart is packed with each 985.

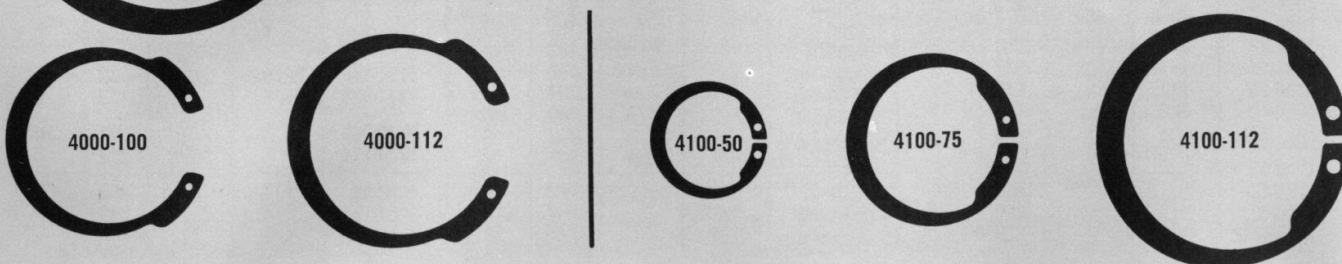
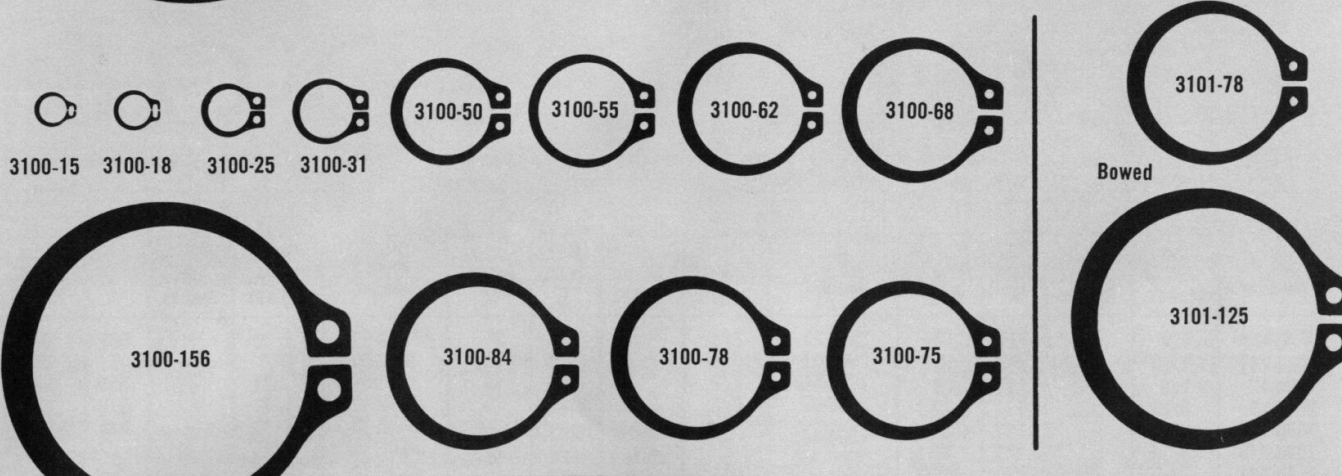
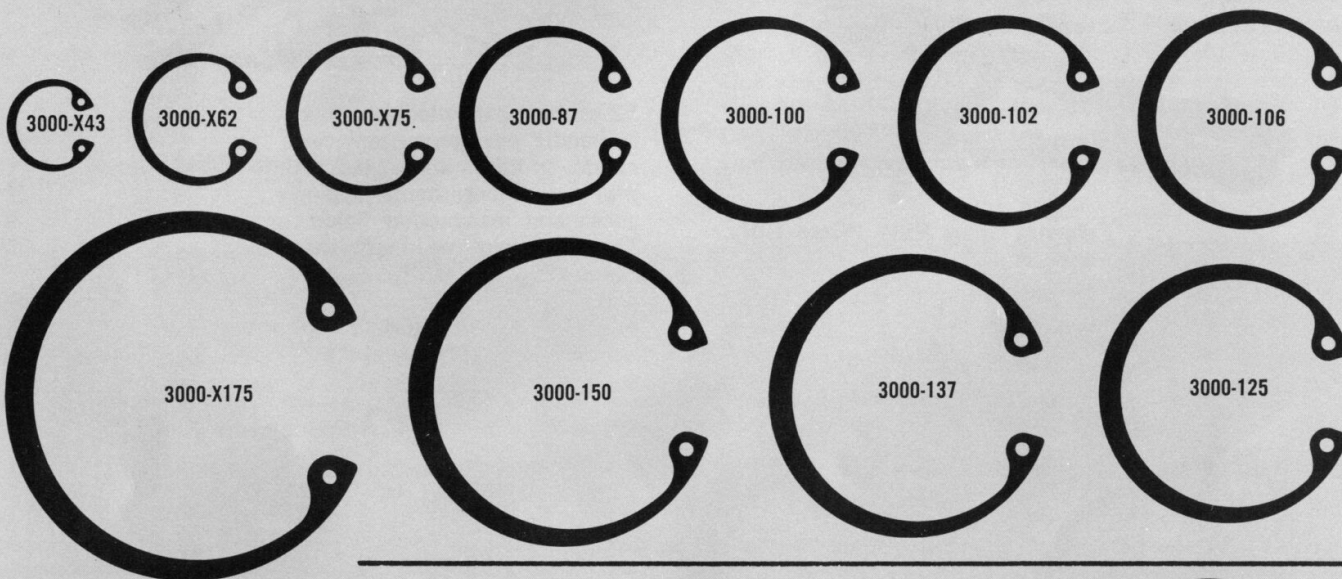
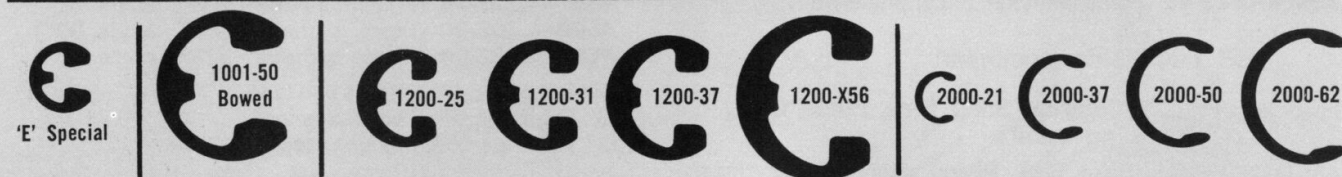
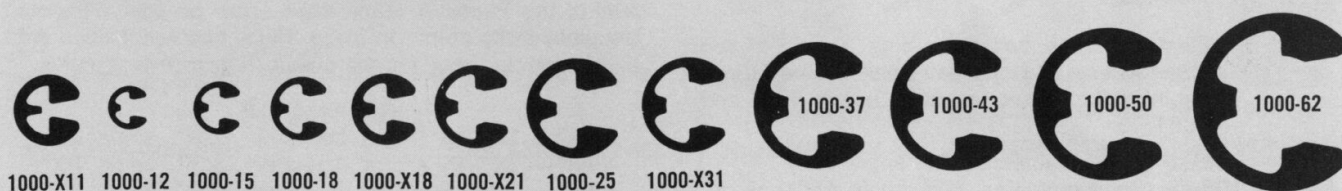


Size Chart Included

Internal Snap Rings					External Snap Rings				
K-D Number	Shaft Diam. Inches	Housing Diam. Inches	Free Diam. 'A'	Pieces in Repl. Pkg.	K-D Number	Shaft Diam. Inches	Housing Diam. Inches	Free Diam. 'A'	Pieces in Repl. Pkg.
'E' Special					1000 Series				
1000-X11	7/64076	20	1001 Series				
1000-12	1/8094	20	1001-X11	7/64076	20
1000-15	5/32114	20	1001-X12	1/8094	20
1000-18	3/16145	20	1001-X15	5/32114	20
1000-X18	3/16122	20	1001-X18	3/16122	20
1000-X21	7/32185	20	1001-X21	7/32185	20
1000-25	1/4207	20	1001-X25	1/4207	20
1000-X31	5/16243	20	1001-X31	5/16243	20
1000-37	3/8300	15	1001-X37	3/8300	15
1000-43	7/16337	15	1001-X43	7/16337	15
1000-50	1/2392	15	1001-X50	1/2392	15
1000-62	5/8480	15	1001-X62	5/8480	15
1001-50	1/2392	15	1001-X150	1/2392	15
1200-25	1/4204	20	1001-X175	1/4204	20
1200-31	5/16242	20	3100 Series				
1200-37	3/8292	15	3100-X15	5/32142	20
1200-X56	7/8420	12	3100-18	3/16168	20
					3100-25	1/4225	20
					3100-31	5/16281	20
					3100-50	1/2461	12
					3100-55509	12
					3100-62	5/8579	12
					3100-68	11/16635	12
					3100-75	3/4693	12
					3100-78	25/32722	12
					3100-84	27/32780	12
					3100-156	1-9/16	...	1.446	5
					3101-78	25/32722	10
					3101-125	1-1/4	...	1.156	6
					4000 Series				
					4000-100	1	...	1.081	10
					4000-112	1-1/8	...	1.217	7
					4100 Series				
					4100-50	1/2461	15
					4100-75	3/4693	12
					4100-112	1-1/8	...	1.041	6

K-D Snap Rings in 985 Emergency Package

EXACT SIZE SILHOUETTES



No. 125 . . . Electrical Test Kit

For Checking Alternator Diodes and testing live and dead circuits, positive and negative ground



K-D's Electrical Test Kit gives the mechanic a versatile set of equipment, designed to find a wide range of electrical troubles with speed and accuracy. Includes:

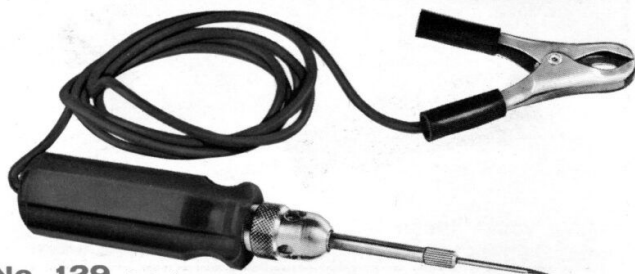
No. 126 "Shock proof" Hi-low Voltage Test Light. Combination electrical trouble shooter and spark plug tester. For all 6 and 12 volt systems.

No. 127 Power Pak: Self contained power unit. Safely tests circuits with power off. Contains 3 popular flashlight batteries.

No. 128 Alternator Diode Probe: Check alternator diodes, transistors, positive and negative wires. Fits No. 126 and 129 tester.

Set packaged in white plastic kit with complete set of instructions.

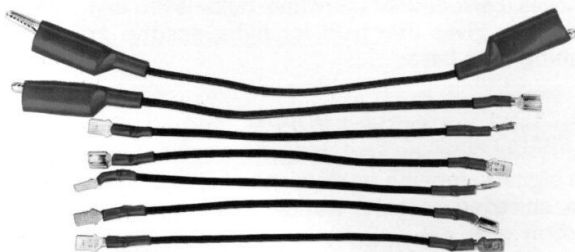
Available individually on S/P Cards.



No. 129 . . .

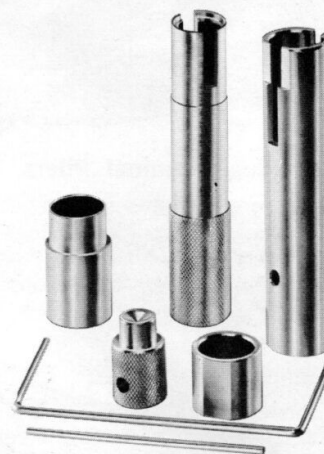
Low Voltage Circuit Tester for all 6 to 12 Volt Systems

Ground clip anywhere on car. Push point thru insulation of cable being tested until it makes contact with copper conductor inside. Bulb in handle will light if wire is "hot", will not if "dead". Checks continuity and grounds of field coils when coupled with No. 127 Power-Pak. Also checks Diodes by using K-D No. 128 Diode Probe.



No. 180 . . . Alternator and Regulator Test Leads

Spade, Pin and Clamp type connections for testing alternator and regulators with various test equipment.



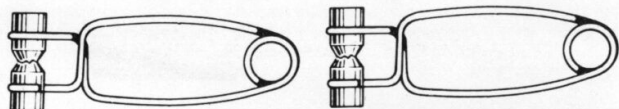
No. 181 . . . Alternator Diode Service Kit

For removing and installing Diodes and Brushes on: CHRYSLER • DELCO-REMY (Delcotron) • LEECE-NEVILLE • PRESTOLITE (Autolite) alternator systems.

Each Kit includes:

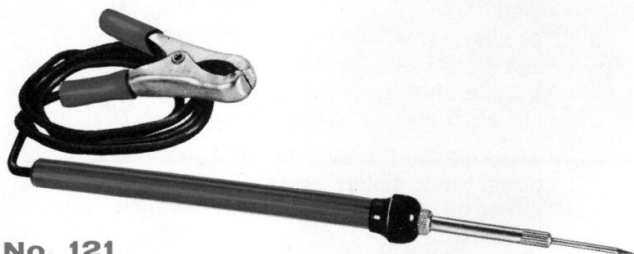
- 181-A Slip Ring & Frame Support
- 181-B Universal Diode Remover
- 181-C Universal Diode Installer
- 181-D Prestolite Brush Spreader
- 181-E Heat Sink Support for Diode Removal
- 181-F Universal Heat Sink Support for Diode Installation
- 181-G Delcotron Brush Hold Down Pin

Complete, illustrated, step-by-step instructions are furnished with each kit.



No. 182 . . . Heat Dam's (2 heat dams per set)
Prevents damage when replacing Diodes in Alternators.

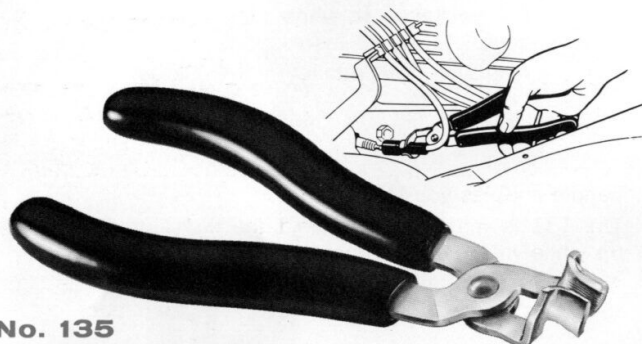
Use when soldering, to prevent heat damage to Diodes, Transistors and all heat sensitive components. Attach between point of soldering and critical area—collects and stops heat from reaching areas prone to heat damage. 2 Heat dams per set. Packaged 3 sets per skin pack card.



No. 121

"All Purpose" Electrical Ground Probe

Grounds out ignition for checking faulty valves, pistons, wristpins, hydraulic lifts, spark plugs, etc.



No. 135

Insulated Spark Plug Terminal Pliers

No more burned fingers with this special tool designed to remove cable terminals from Spark Plugs quickly and easily. Heavy duty handles covered with "dielectric" plastic allows shockproof—sure grip operation.



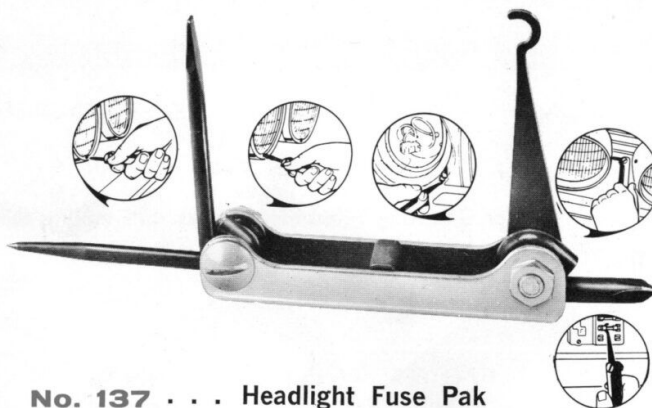
No. 108 . . . Distributor Point Adjusting Tool Kit

Adjusts breaker point in distributors of Chrysler, Ford, Chevrolet and Rambler. Packed in durable see-through plastic kit.

105 Adjusting Tool for Chrysler-built distributors.

106 Adjusting Tool for Ford-built distributors 1949-1956.

107 Adjusting Tool for Ford—'57 to date; Chevrolet 6 Cylinder and Rambler 6 Cylinder '63 to date; Corvair '62 to date.



No. 137 . . . Headlight Fuse Pak

Multi-purpose tool makes working on head lamps and changing fuses a "snap". Aligns screw holes on head lamp casings—pulls head lamp springs and reaches between double lamps with short screw driver adapted to fit all Reed & Prince and Philips head screws.



No. 134 . . . Tail & Stoplight Bulb Kit

No. 138 Bulb Gripper, No. 136 Bulb Base Remover and No. 139 Socket Cleaning Brush, takes care of installing and removing light bulbs and cleaning corroded sockets. No more cut fingers with these handy tools designed to reach into the tightest places. Packaged in handy plastic kit.

No. 136 . . . Bulb Base Remover Pliers

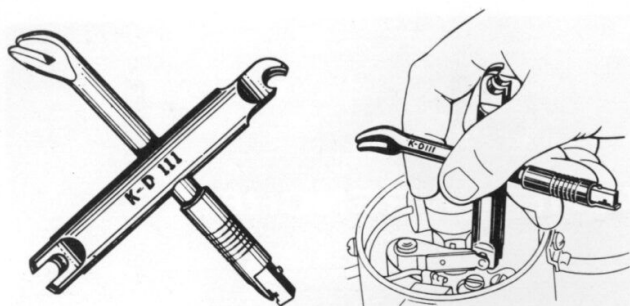
Removes corroded bases when bulb is broken. Serrated lip on jaws gives firm hold for tight, positive grip without crushing bulb base.

No. 138 . . . Bulb Gripper

Installs and removes light bulbs from tail lights, stop lights, turn signals, running lights on trucks, etc. Removes bulbs from corroded sockets. Rubber coated jaws permit soft, yet firm grip.

No. 139 . . . Socket Cleaning Brush

Removes corrosion and cleans light bulb sockets. Available in Kraft envelope.



No. 111 . . Universal Ignition Point Aligning Tool

For aligning contact points right in the distributor. For all kinds of points in all types of distributors. Illustrations show each Arm in use on the type point it is designed to service. Instructions furnished.



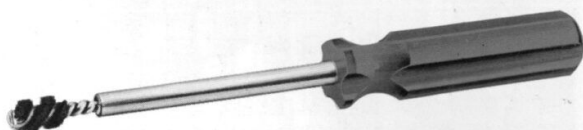
No. 122 . . . Ignition Tool Kit

For most all types of ignition adjustment. Many ignition ills occur from incorrect point adjustments on distributors and voltage regulators. Kit covers all types of ignition service with one complete set of tools.

Plastic case 4-15/16" x 4-5/8". Contains following tools:

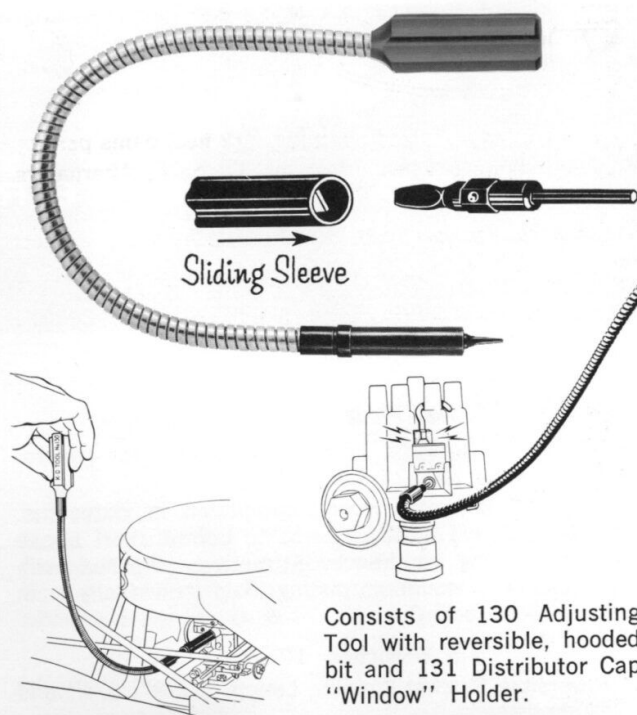
- No. 112 Ignition Wrench
- No. 114 Ford Governor Spring Adjusting Wrench
- No. 115 Ignition Point Aligning Tool
- No. 116 Autolite & Delco Voltage Regulator Tool, rubber insulated.
- No. 117 Offset Screwdriver for Ford V-8 Ignition Point Clamping Screws.
- No. 118 Ford Voltage Regulator Tool.

Tools may be purchased separately.



No. 103 . . . Distributor Tower Brush

For cleaning all makes of distributor Tower head sockets—this handy tool is a must for tune-up work. Just insert tool and twist—removes rust, dirt and corrosion. Made of high quality steel with easy grip red plastic handle.



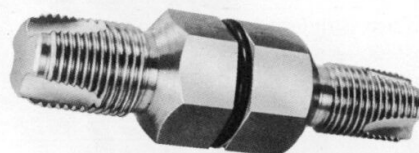
Consists of 130 Adjusting Tool with reversible, hooded bit and 131 Distributor Cap "Window" Holder.

No. 132 . . Distributor-Carburetor Adjusting Set

The 1/8" hex bit is for Delco-Remy external adjustment distributors and the standard screwdriver bit is for carburetor adjustment, reaching otherwise inaccessible screws under the hood, dash, etc. Sliding sleeve holds screwdriver bit in screw slot in hard-to-get-at places. Guide mark at handle enables you to count turns.

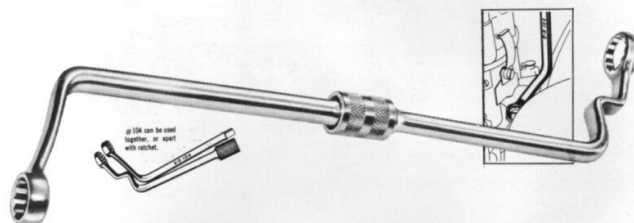
The 131 is magnetized to hold the distributor "window" up while making adjustment.

Non-kink "memory" cable, hardened steel bits, high impact plastic handle. 18-1/2" long for great reach.



No. 730 . . . Spark Plug Opening Chaser

Combination 14MM and 18MM "Chaser" services practically all makes and model cars. Cleans threads of carbon corrosion and metal. 13/16" hex has neoprene band to hold "Chaser" firmly in deep wall spark plug wrench.



No. 104 . . . Distributor Clamp Wrench

A necessity for any shop doing distributor work. The K-D 104 gets to the nut locking the distributor and enables the mechanic to loosen nut, adjust timing, and lock distributor.

Wrenches, Screw Drivers and Pliers

K-D REVERSIBLE RATCHET WRENCHES

Reversible Ratchet Wrenches

Quality tools developed by auto mechanics for general service. Popular sizes of hex openings.

10 sizes of reversible Heads, graduated in sixteenths. Ratchet Teeth are closely spaced to permit short stroke in tight working conditions. Attractively finished with bright, rustproof cadmium plating. Sold individually or in complete Sets (below).

5 Wrenches, 10 sizes!

61 Reversible Ratchet Wrench. Length 3-7/8". 1/4" and 5/16" hex.

62 Reversible Ratchet Wrench. Length 5-1/4". 3/8" and 7/16" hex.

63 Reversible Ratchet Wrench. Length 6-1/2". 1/2" and 9/16" hex.

65 Reversible Ratchet Wrench. Length 7-7/8". 5/8" and 3/4" hex.

66 Reversible Ratchet Wrench. Length 9-3/16". 11/16" and 7/8" hex.



Complete Sets Packed in Kits

Sturdy white plastic rolls with black binding, transparent pockets, wrap-around ties.

60-3 SET Three Wrenches (Nos. 62, 63, 65)

60-4 SET Four Wrenches (Nos. 61, 62, 63, 65)

60-5 SET Five Wrenches (Nos. 61, 62, 63, 65, 66)

No. 19 . . . Ratchet Wrench Set

Pocket size kit with hex sizes 3/8", 7/16", 1/2", 9/16" openings.



Reversible Ratchets, no heads to change. Screw or nut held in place for upside down work like a box socket. Correctly tempered Heads and Ratchets. Set includes following:

21 Wrench 3/8" hex. 3" long.

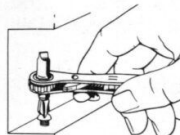
22 Wrench 7/16" hex. 3-1/2" long.

23 Wrench 1/2" hex. 4" long.

24 Wrench 9/16" hex. 4-1/2" long.

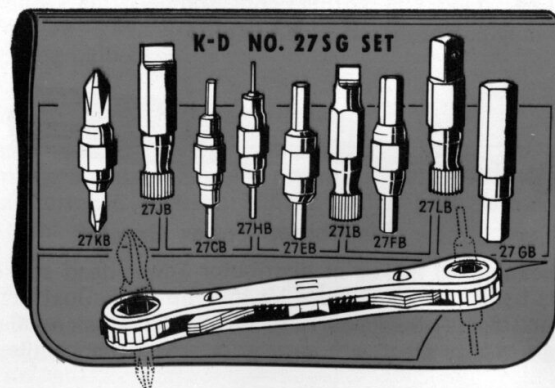
ORDER INDIVIDUAL WRENCHES BY NUMBER.

K-D OFFSET RATCHET BIT SETS



Designed for all types of close work and right angle applications where bladed tools can't reach. The bits are securely held in the wrench for working upside down.

For all 4 Types



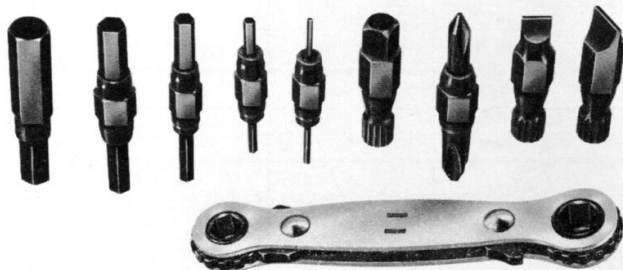
RATCHET BIT SETS

No. 27

Plastic kit with 27W Reversible Ratchet Wrench and 4 bits: 27AB, 27BB, 27CB and 27DB described below.

No. 27S

Plastic kit with 27W Reversible Ratchet Wrench and 4 bits: 27CB, 27EB, 27FB and 27GB described below. Meets government specifications.



No. 27SG

Plastic kit with 27W Reversible Ratchet Wrench and 9 bits, as shown left to right in illustration and fully described below: 27KB, 27JB, 27CB, 27HB, 27EB, 27IB, 27FB, 27LB and 27GB.

Does the work of sets containing 15 bits.

No. 27W . . . Reversible Ratchet Wrench

With 1/4" and 5/16" hex openings it will accommodate all the ratchet bits shown. 3-7/8" long, has short stroke.

K-D DOUBLE END BITS

All are for use in 27W Ratchet Wrench, are carefully machined and correctly tempered. All 1-1/2" long.

May be ordered individually.



27AB One end for Phillips, sizes 0 to 12, other end for slotted screws, bit 9/32" wide



27BB One end 1/8" hex key, other end for slotted screws, bit 3/16" wide



27CB Hex keys 5/64" and 3/32"



27DB Hex keys 5/32" and 3/16"



27EB Hex keys 1/8" and 5/32"



27FB Hex keys 3/16" and 7/32"



27GB Hex keys 1/4" and 5/16"



27HB Hex keys .050" and 1/16"



27IB For slotted screws, bit 1/4" wide



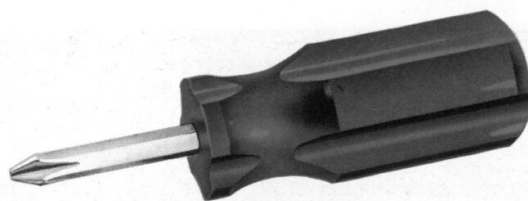
27JB For slotted screws, bit 3/8" wide



27KB One end for Phillips, sizes to No. 4. Other end for Phillips, sizes 5 to 9.



27LB Square drive Adaptor



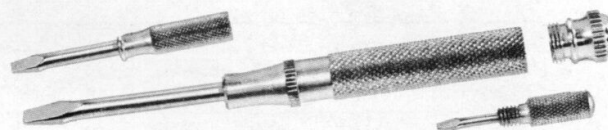
No. 5S . . . "MITE-E-MITE" . . . A Real Brute

A mighty stubby, small enough to carry in your pocket, sturdy enough for screws up to size 16. Patented bit handles all sizes, 1—16, Phillips, R & P.



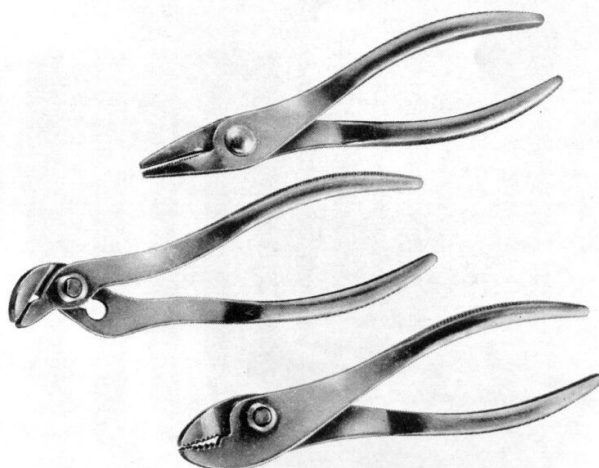
No. 5R . . . STUBBY . . . Does the Work of 5!

Reversible Bit. (Phillips head and slot type.) Red plastic handle can be imprinted. Ideal prize, premium, gift. Imprinting price on request.



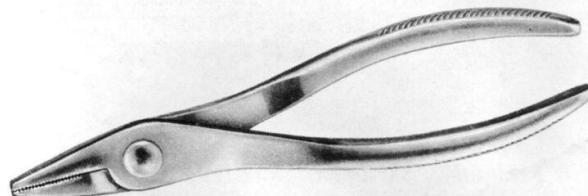
No. 5W . . . 3-IN-1

Knurled brass handle, 4-3/8" long. Hardened and ground blades. Extremely useful around home, shop, etc.



No. 11K3 . . . Pliers Set

Set contains No. 6 Standard Type, No. 7 Parrot Nose and No. 8 Needle Nose.



No. 9 . . . Flat Nose Pliers

Forged steel, tempered to correct hardness with bright cadmium finish. Same quality as 11K3 set.